1893

GEO. ALLEN'S

PLANT AND SEED GUIDE

BRATTLEBORO. VT.

NOTICE.

To new patrons I would say that my seed business is under careful management, knowing it requires special attention in selecting seed stocks to produce results that are profitable for the marketmen, amateurs and all who plant seed. Earliness, quality, growth, productiveness, with locality for growing are carefully studied, with proper care as to freshness, and tests as to the highest per cent of germinating, enables us to supply the best that is produced of its kind. With increased trade among marketmen from all sections is sufficient proof that they are largely used with good results.

Prices are but a slight object in *good seed* when quality is carefully looked to, and will be found quoted as low as **good tested growing seed** can be profitably sold.

Our **Sweet Corn, Beets, Onions, Beans, Cabbage, Carrots, Celery, Cauliflower, Peas, Squash, Tomato, Lettuce, Cucumber and Celery** are from such stock as above described.

For **Flower Seed** we exercise the same careful attention as to quality as in Vegetables. **Asters, Sweet Peas, Pansies, Phlox, Verbena, Pinks, Dianthus, Primrose, Hollyhock, Petunia, Poppy** and others are harvested with the same care as to quality.

Discount on Flower and Vegetable Seeds in Packages.

For $1 you may select seeds in packets (no ounces) to amount of **$1.30.**

For $2 you may select seeds in packets (no ounces) to amount of **$2.65.**

For $5 you may select seeds in packets (no ounces) to amount of **$7.50.**

For $10 you may select seeds in packets (no ounces) to amount of **$15.**

For Flower Seed discount see page 15. No discount on collections.

Club Orders on Plants

Which must amount to $2, will entitle the getter up of same to select roses, plants and bulbs at single and dozen rates only, not at 100 rates, in catalogue, to the amount of 20c. for every one dollar's worth ordered, viz: **For a club of $2 you can select 40c. worth as premium. A club of $4 you may select 80c. worth. A club of $5 you may select $1 worth,** and 25c. extra as premium. (See page 52 for description.)

But remember, *this premium is allowed only when plants are ordered at retail rates* for instance, when $3 worth of Roses are ordered, I will send three $1 packages, and you can select from the catalogue plants or seed to the amount of 60c. as your premium.

Packing. My system of packing is done in the very best manner in light packages, to reduce express charges as much as possible. I guarantee the safe arrival of all plants, seeds and bulbs when sent by mail or express if complaints are made at once on receipt of goods. My plants and seeds are sent not only with the intention of pleasing purchasers this year, but with the aim that I may secure their confidence and be favored with their orders for years to come.

Plants by Mail. Special attention is given to plants by mail. If ordered by express much larger plants will be sent, the express to be paid by the purchaser. Special rates given to parties wanting plants in quantities for bedding purposes. Orders from unknown parties sent C. O. D., unless accompanied with cash or good references. No charge for boxing or packing on orders to the amount of $1 and upwards. Express orders are usually packed in light boxes or baskets to save express charges. A liberal discount to dealers. Improvement societies wishing plants in quantities will be furnished at liberal rates.

Tested Seed. I give special attention to this important business. For several years a market gardener, and since 1870 as florist, and many years in the seed business, my experience allows practical judgment as to purity and freshness, while my greenhouses allow means of testing germinating qualities. All seeds are fairly tested before put up, and none sold unless they germinate to the highest per cent; all unsatisfactory seed are either buried or burned. **I sell nothing I do not believe to grow and to be true to name,** and give the best results under favorable circumstances. Many seed I grow, and those I do not are obtained direct from the most reliable growers, and will stand test beside any from the most reliable seedsmen, in all cases using the greatest care in selecting. If seed prove not as represented, after allowance of soil being too wet, cold or dry, or deep planting, or mixing with a too powerful fertilizer, there remains a doubt of bad seed, the party will be supplied with other seed, equal in value to that purchased, and I request all parties to report to me all seed not proving pure or germinating well.

Flower Seeds. My strain of Florists' Flower Seeds is the best that can be obtained, in fact, all can be relied upon; they are tested before sold. **Flower Seed:** Directions for sowing and club orders, see pages 14 and 15 to 30. **Vegetable Seed:** Directions for sowing, see pages 38 to 42.

Cash Discount on Seed. All flower and vegetable seed in packets, ounces, pounds, quarts or pecks to the amount of $5.00, 5 per cent discount; $10 00 to $20.00, 12 per cent discount. Not allowed on bushel or barrel rates unless by special agreement.

Telephone Connections direct from office and greenhouses.

Orders. If not received in due time, I request purchasers to notify me to that effect, as often the party's address has been omitted, either state, town or name, and sometimes the whole, or misdirected.

Seed by Mail. All seed will be forwarded by mail at rates given, unless otherwise noted. Peas and Beans, add 15c per quart for postage; Sweet Corn, 10c. per quart; Field Corn, 15c. per quart. All other seed at pound rates, add 8c. per pound to pay postage. No charge for packing or boxing.

Be particular to always write the order plainly, and give post office, county and state. All money to the amount of $1 and upwards, if sent by post office order, registered letter, cashier's check on New York or Boston, will be at my risk, and I will guarantee the safe arrival of all packages to any part of the United States. **Discount** on seed see above, also page 15. **Club Orders** on Roses see page 52.

Catalogues. No. 1, Illustrated, of Seeds, Plants, Bulbs, Small Fruits, Trees, etc., issued in February; No. 2, Special List, to the trade only, ready in February; No. 3 Special List of Surplus Stock and Mailing List, ready in April; No. 4. Potted Strawberry Plants, ready in July; No. 5. Fall Catalogue of Dutch Bulbs and Winter Flowering Plants, ready the last of September; No. 7, Fall Trade List of Bulbs and Plants, ready in October. All mailed free to customers without call, and to others on application.

Collection on First Page of Cover.

Molesworth Fuchsia,	**20**
Carnation Aurora,	**20**
Carnation Puritan,	**20**
Rose, Mdme. Paul,	**20**
Pansy Perfection Seed,	**20**
	$1.00

Above collection, by mail or express, 75c.

Collection on Last Page of Cover.

New Guillard Pinks,	**25**
New Summer Chrysanthemum,	**25**
New Polyantha Rose from Seed,	**15**
New Chrysanthemum, Golden Wedding,	**50**
Crozy Canna Plant,	**25**
	$1.40

Above collection of 5 by mail or express, $1.10.

Cut Flowers at All Seasons.

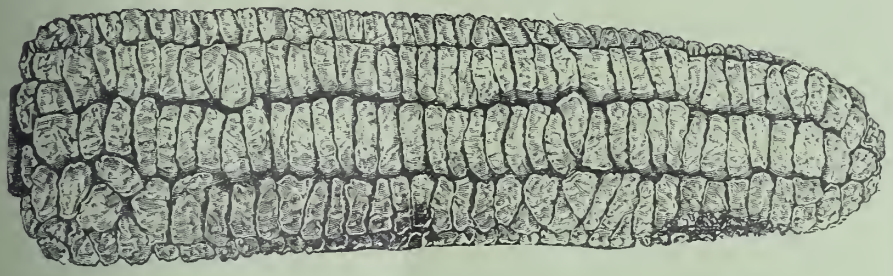
Roses, Carnations, Lilies, Hyacinths, Tulips, Chrysanthemums, Lily of the Valley, Ferns, Palms, Smilax, Bouquets, Loose Flowers and Floral Designs.

Orders promptly filled at short notice.

Vegetable Seed.

LATEST NOVELTIES.

CORN.



EXTRA EARLY COLUMBIA SWEET CORN.

Extra Early Columbia Sweet Corn. This originated by careful selections from the White Cory, which has a distinct form and type of ear; grows about the same height. Care was used in selecting the earliest and longest ears; two or more on a stalk; deepest kernels; smaller cob. In the Extra Early Columbia we have gained three to five days in earliness, longer ears and the sweetest and most productive early market corn grown. Marketmen or others seeking the earliest market should not overlook the Extra Early Columbia. Packet, 10c.; 1-2 pint, 14c.; pint, 20c.; qt., 30c.; 1-2 peck, 75c.; peck, $1.25.

BEANS.

Burpee's Bush Lima. This is the best of the several varieties of Bush Lima recently introduced. It makes a stout, erect growth about 18 inches high, branching to form a plant two to three feet in diameter; leaves large, of great substance. Its character is well established, seldom a plant forming a runner. Its branching habit, thickness of stalk, size, substance, enables it to bear large crops and sure to produce. Its immense yield can be imagined when a single bush produced from 50 to 200 handsome large pods, well filled with beans identical in size and flavor to the well known Pole Limas. The largest and best Lima beans can now be grown without the aid of poles, and earlier results realized by a week in maturing. A Georgia party grew 358 pods on one plant; California, 323 pods; New Jersey, 194 pods; Michigan, 159 pods; Connecticut, 119 pods; Canada, 117 pods; Rutland Co., Vermont, 90 pods; New Hampshire, 75 pods. By the above it can be seen what it has done with extra cultivation, while for field culture 25 to 50 pods is a good yield per plant. Stock from the introducer. Price, packet, 10c.; 3 packets, 25c.; 12 packets, $1; 1-2 pint, 35c.; pint, 60c.; qt., $1.

BURPEE'S BUSH LIMA BEAN.

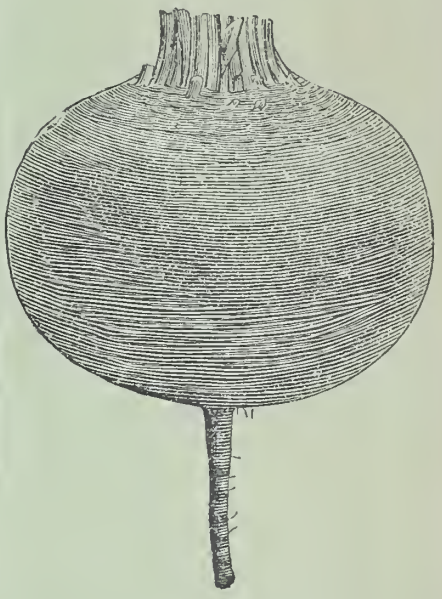
New White Asparagus.

Mammoth Columbia. The product of this new variety is sold to a canning factory and allowed 20 per cent more than for the green variety; the white shoots are produced from 80 to 90 per cent from seed and is preferred by many to the green variety. Pkt., 15c.; oz., 60c.

NEW DANDELION.

Large French Montmagny. This new variety now first offered is much larger and more productive than the older variety; a vigorous, rapid grower; the heads after being blanched by a new process well known in Europe, are used by many restaurants as a favorite dish, and is becoming a great favorite with market gardeners in Paris. Pkt., 10c.; 3 pkts., 25c.

BEETS.



BOSTON MARKET BEET.

Beet, Boston Market. This new variety, now first introduced, matures at the same time of the Crosby Egyptian; of a darker color, very uniform in shape, thicker than other early beets, of medium size. Its small top and early bunching qualities will place it in the market to supercede other early varieties. Packet, 5c.; oz., 10c.; 1-4 lb., 30c.; lb., $1.

TURNIP.

WHITE MILAN.

Turnip, White Milan. All acquainted with the Red Top Milan turnip know its good quality, rapid growth, and earliness over other table turnips, maturing fully ten days in advance of other varieties. In the White Milan it ranks first in earliness and fine shape, so smooth and neat as to look polished. It

takes the foremost rank as a forcing turnip, and for an early crop in the open ground its rapid growth and fine shape lead all others; now first offered. Packet, 10c.; oz., 20c.

NEW CABBAGE.

RED WINNINGSTADT.

Variegated Leaved Heading. Entirely new and attractive, very ornamental. The green leaves striped and blotched with white, rose, red, lilac, growing good size, are especially attractive in autumn. Useful as a heading cabbage and of excellent quality. Packet, 20c.

Red Winningstadt Cabbage. In size and form it is the same as the well known solid Winningstadt, but of a deep red color. Its earliness and short leaves enable it to be planted close, and will produce more weight per acre than the flat red varieties. Pkt., 15c.; 2 pkts., 25c.

WATERMELON.

Extra Early Russian. In the climate where the melon is almost unknown, rarely being brought to maturity, this, on account of its earliness, may be tried with success. When grown in frames like the musk melon it ripens in August, attaining four to five pounds in weight, round in shape, olive green, flesh melting and juicy. Packet, 10c.; oz., 50c.

SQUASH.

Squash, Mammoth Whale. This new variety of French origin indorses its name; often attains a length of three feet and a weight of over one hundred pounds. Thick yellow meat, ash gray in color outside, quality excellent, keeping a long time in winter. Packet, 20c.

CUCUMBER.

New Japanese Climbing. This new variety comes from Japan and is said will attach itself to poles, fences or trellis, as readily as pole beans. Distinct and more hardy than other varieties, producing 25 or more cucumbers to a plant with fair culture; adapted to pickling as well as slicing. Packet, 15c.

MANGEL WURTZEL.

Erfurt Model. This new mangel has become very popular in a short space of time. Its features are its fine cylindrical shape, small foliage, permitting them to be grown one foot apart, while its keeping qualities are four weeks longer than any other variety. The advantage of this long keeping quality will be understood by those interested in the excellence of mangels. Packet, 10c.; oz., 15c.

POTATO.

Extra Early Panama. In 1890 a neighbor purchased a peck of early potatoes for trial from a southern seedsman; among them were found a distinct variety, longer, larger, of a deeper color. This potato was planted separately, its growth closely watched, and proved several days earlier. Its remarkable earliness was so promising, my attention was called to this potato. Again the two following years it was carefully tested with other early varieties, and proved six to twelve days earlier than any potato we have ever grown. It is very uniform, oblong, good size, rosy blush in color, smooth with shallow eyes and a great yielder; of the best quality, tubers growing compact in the hill. These potatoes have sold for ten cents per bushel more in the market than common varieties on account of their dry and flowry texture. Unsuccessful attempts have been made to find its true name. It has three important features, being certainly the earliest, most productive, best cooking potato we have ever grown, and can recommend it as a first-class market and table variety. One pound, 25c.; 5 lbs., $1; 1-2 peck, 50c.; peck, 75c.

EXTRA EARLY PANAMA.

ONIONS.

WHITE MULTIPLIER.

White Multiplier Onions. White silvery color and hardy; very useful for pickling. The new White Multiplier onion is very productive, and its handsome appearance makes it very profitable to grow. (See cut.) Price of sets, 20c. per pt.; 35c. per qt.; $2.50 per peck.

NEW JAPANESE CLIMBING CUCUMBER.

PEAS.

HEROINE.

Heroine Pea. A new pea which attracts more attention than any other of late introduction. Medium early, green, wrinkled. Two and one-half feet high, covered with long pods, so striking it can be picked out at once among any variety. It bears eight to nine peas in a pod; quality unsurpassed, rich, buttery, melting. Packet, 15c.; pint, 25c.; qt., 40c.

NEW TOMATO.

Buckeye State. Many large tomatoes have been introduced, but rejected on account of roughness. When it is stated that this large variety is smooth and uniform like all of Livingston's varieties, it is sufficient to have the attention of tomato growers; it is the largest and latest of his introductions and now first offered. It is a great cropper, borne in immense clusters of four to eight fruits. Its luscious quality, solidity, and meatiness stand first among tomatoes. Its color is similar to the Beauty. Pkt., 15c.; 2 pkts., 25c.

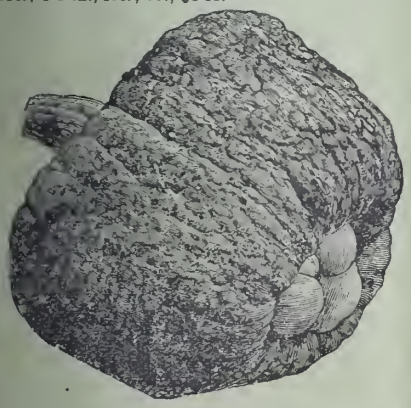
Ponderosa Tomato. This is one of the largest tomatoes, ripens two weeks later than the Atlantic Prize, and is about the best flavored variety known, holding its good flavor until after destroyed by frost; while other varieties become tart by cool weather, this does not. We can afford to wait for the Ponderosa on account of fine flavor. Where earliness is not desired, try it. Packet, 10c.; oz., 75c.

Extra Early Comrade. An entirely new and extra early variety, earlier than the earliest known varieties; handsome as the second early sorts of highest quality, and the most wonderfully productive of all kinds of tomatoes; a tomato which will give the gardener more money than any other variety. 10c.

BUCKEYE STATE TOMATO.

SQUASH.

Warren Squash. This differs from the Essex Hybrid, being of a rough, warty, thicker shell; of a richer color and decidedly better quality, commanding a better price. In our trials last year we found it a much better squash for table or pies. Pkt., 10c.; oz., 15c.; 1-4 lb., 35c.; lb., $1 15.



WARREN SQUASH.

My stock of Squash seed is among the purest to be found.

For other varieties see page 41.

Warren Squash,	**10**
Columbia Corn,	**10**
Burpee's Bush Lima,	**10**
New White Milan Turnip,	**10**
Boston Market Beet,	**5**
Heroine Peas,	**10**
Tomato, Extra Early Comrade,	**10**
Japanese Climbing Cucumber,	**15**
Red Winningstadt Cabbage,	**15**
	95

1 pkt. each of above for 75c.

SPECIAL STRAINS OF MERIT.

BEANS.

Golden-Eyed Wax Bush. This leads among the wax bush bean for general use; as early as the Golden Wax, more prolific in pods, and what is very important to marketmen, rust proof or entirely free from blight in any way. It has been well tried, and as yet not one complaint of showing the least form of rust has been made. For market gardeners it can be recommended as the most profitable early pod string bean. Very tender and stringless. Pkt., 10c.; qt., 30c.; pk., $2.

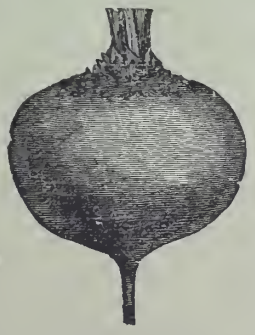
Add 15 cents per quart if sent by mail.

GOLDEN-EYED WAX BEAN.

BEETS.

BEET, ECLIPSE.

Beet, Early Eclipse. The earliest standard variety for family or market. Superior to Egyptian on account of being more round; solid, equally as early. Color, deep red; fine grained and sweet. This strain has, by selections, acquired a fixed distinction from the ordinary strain of Eclipse Beet, and superior for the market men, where fine form, color and earliness is an object, and the growing demand for this variety requires thousands of pounds to supply market men. Price, grown from select stock, oz., 10c.; 1-4 lb., 20c.; lb., 65c.

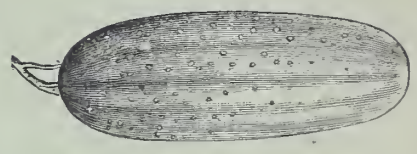


IMPROVED EGYPTIAN.

Improved Egyptian Beet. Very popular among market gardeners. Those wishing a dark fleshed early variety of beet, this is the earliest and best sort; as early as the original Egyptian. By careful selection it has been made thicker, smoother, of better quality, and is less inclined to push up a woody neck as it advances in growth. After trials of many varieties the Improved Egyptian is the best for early market. Per lb., 75c.; 1-4 lb., 25c.; oz., 10c.; pkt., 5c.

Add 8 cents per pound if sent by mail.

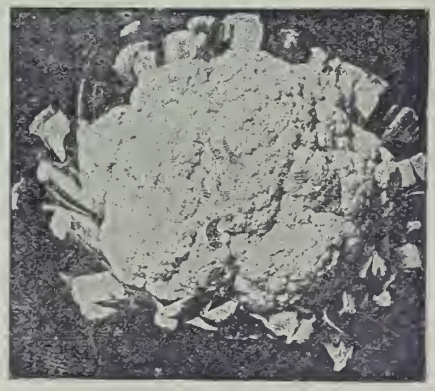
CUCUMBERS.



PEERLESS WHITE SPINE.

Peerless White Spine. This is the finest strain of White Spine Cucumber grown either for market, family or forcing. Perfect in shape, of a dark green color, but white when fully ripe; very prolific, crisp, fine flavor; the best early cucumber for all purposes. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 70c.

CAULIFLOWER.



EARLY SNOWBALL.

Early Snowball. (True.) The earliest of all cauliflowers; more sure to head than any other variety, being ready for market one week in advance of other varieties. Seeds sown about first week in March, the heads are fit to cut June 12 to 15, measuring 6 to 9 inches in diameter. I have grown heads of this variety 36 inches in circumference in light soil, the finest ever grown in this section. My seed is of the finest strain grown. Of dwarf habit, allowing to be planted 20 by 24 inches apart; seeds sown late make fine heads for fall use. Pkt., 20c.; oz., $2; 1-4 lb., $7.50.

CABBAGE.

All Seasons. This resembles so closely in general appearance the Vandergau Succession All Head, it is difficult to distingnish any difference. The All Seasons being first introduced it still holds as being the finest cabbage for all purposes, giving the best of results with the leading experienced cabbage growers; a sure header; equal to Henderson's Summer in earliness, producing heads one-third larger. Very solid, thick, and when sown late, makes an excellent winter cabbage; adapted to early fall, winter or spring marketing. Its qnality is equal to any Drumhead variety. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.; lb., $2.75. Stock direct from the introducer.

Comparing the All Seasons with the other varieties, I was surprised at its earliness; every one headed as hard as a rock, though they had not an average chance. C. C. Pratt, gardener Insane Asylum, Danvers, Mass.

Many other testimonials could be given.

World Beater. A very large, hard heading variety for exhibition purposes; sure to head; of quick growth. Pkt., 10c.

Mammoth Rock Red Cabbage. The largest and most solid red variety. Its keeping qualities the best; of a deep, purple, reddish color. The finest strain of red cabbage. Pkt., 10c.; oz., 35c.; 1-4 lb., $1.25.

ALL SEASONS.

LARGE EARLY WAKEFIELD.

Large Early Wakefield. Nearly as early as the Wakefield; heads a third larger; on account of its large size is much more planted. One of the best strains of Wakefield in the market. Pkt., 10c.; 1-4 lb., $1; lb., $3.50.

CORN.

ENSILAGE.

Lindsay Horse-tooth Ensilage. Some of my customers are so impressed with the immense yield of fodder of this variety it is impossible to sell them any other for silo purposes. It is very large, growing from 12 to 16 feet high, thickly set, with quantities of leaves, and is said will produce more green fodder per acre than any other variety. It is also much used, by sowing thickly, for cutting green for fodder; being very sweet, cattle eat it more readily than many other varieties. In ordinary seasons will nearly mature in this section; ears very large. Qt., 15c.; pk., 50c.; bu., $1.50; 5 bu. lots, $1.40 per bu.; 10 bu. lots, $1.35 per bu.

ONION.

The onion seed crop is again short this season in most sections of the country. It would be advisable to send orders early.

Silver King or White Flat Mammoth. Also known as **White Garganus or White Victoria.** For exhibition purposes one of the largest onions grown, also used for sowing under glass in February and March for transplanting into the field in May to grow bunch onions, or if so grown will produce double the crop of those sown in open ground in April or May for a general field crop for autumn harvesting. See illustration, page 37. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.; lb., $2.75.

New Mammoth Pompeii. Grown same as above, often weighing 4 to 5 pounds each. See page 37. Pkt., 10c.; oz., 25c.; 1-4 lb., 70c.; lb., $2.50.

GLOBE DANVERS ONION.

Yellow Globe Danvers. This strain is grown from select stock of the **Globe Yellow Danvers,** by one of the most careful growers of onion seed in Massachusetts. Large onion growers or marketmen will find this one of the best strains of its kind. See page 37. Pkt., 5c.; oz., 20c.; 1-4 lb., 60c.; lb., $2.50; 5 lb. lots, $11.25.

Spanish King, or Prize Taker. A large, late variety, for sowing under glass in February or March and transplanting; this mode of culture is becoming very popular, and double the yield can be obtained. Largely tried in about every state, and reports praise its large size, shape, immense yield; weighing from 1 to 4 pounds each, yielding as high as 2000 bushels per acre. Yellow, flesh white, tender and sweet; good to bottom, free from large necks; has produced more onions per acre than any other variety; attracts attention in market. This very handsome onion came from Southern Spain, and has received hundreds of testimonials pronouncing it the largest, handsomest and most profitable variety. It is the large, attractive variety sold in cities at the stands and fruit stores in the fall. A leading agricultural paper says: "We grew 23 varieties from seed, side by side, the past season. Among all these the **Spanish King** was the only one with which we were entirely satisfied, and had we sown the whole patch with this, the product would have been four times as large as it actually turned out. The bulbs were by far the largest of all, and among the rest we had Silver King and a number of other Mammoth sorts." To obtain best results sow in February or March under glass, and transplant in open ground in May. Pkt., 10c.; oz., 25c.; 1-4 lb., 80c.; lb., $3.

SPANISH KING, OR PRIZE TAKER ONION.

Add 8 cents per pound if sent by mail.

DANDELIONS.

NEW DANDELION, IMPROVED ERECT.

New Dandelion, Improved Erect. This new variety differs from other sorts by its peculiar erect habit, growing erect in compact heads of long, deep cut leaves; it is very early, and said to be more productive than any other variety; entirely new. Pkt., 15c.

Improved Broad Leaved Dandelion. See page 35.

PEAS.

Peas are a leading specialty. I give special care in selecting seed stock, to have it pure and of the best strains. Market gardeners and others in want of reliable stock may depend upon the following varieties for earliness, yield and flavor; among the most reliable stock to be found.

SEED ORDER.

C. E. ALLEN, Brattleboro, Vt.

Forward by

Name,

Post Office,

Express or Freight Office,

County, State,

Amount enclosed.

Always give full address in each order. When seed is ordered at pound rates, by mail, add 8 cents per pound for postage; Peas and Beans, 15 cts. per quart; Corn, 10 cts. per quart. Packet, ounce and ¼ pound, mailed free.

Quantity.	Seed Wanted.	Price.

PLANT ORDER.

C. E. ALLEN, Brattleboro, Vt.

Forward by

Name,

Post Office,

Express or Freight Office,

County, State,

Amount enclosed,

Plants and Bulbs at single and dozen rates mailed free except when noted.

Quantity.	Plants Wanted.	Price.

Quantity.	Plants Wanted.	Price.	Quantity.	Seed Wanted.	Price.

The earliest, most productive Pea grown for market or family.

EXCELSIOR EARLY MARKET PEA.

EXTRA EARLY EXCELSIOR. I place this at the head of all early prolific varieties, as in testing many others I can find nothing better for general use for market. It grows about 24 inches high, producing large, well-filled pods, from 5 to 8 peas in a pod; very sweet and fine flavored. For market gardens, this is as early, if not the earliest and most productive, large podded variety of smooth pea grown. Has yielded at the rate of 250 bushels of green pods per acre. Sown the last of April, usually are ready for market the first week in June, from 5 to 10 days earlier than the American Wonder. This seed I grow largely for market gardeners' trade. For family gardens it is also extensively planted. Is grown at the North, in a section of Canada where the soil and climate is well suited for the purpose. To market gardeners I make special rates on this pea in large quantities. Pkt., 10c.; pt., 15c.; qt., 30c.; pk., $1.25; bu., $4.50.

Worcester, Mass.

C. E. Allen, *Dear Sir:*—I planted one bushel of your Excelsior Peas, April 5th. I commenced to market them June 5th. I seeded liberally, planting them on one-half acre of ground, which was in excellent condition, manuring with stable manure and guano. They grew about 30 inches high, and such a sight of pods you never saw. In one square rod of ground, by actual measure, I picked in two pickings, two bushels of green pods. This is the largest yield I ever witnessed for early peas. The pods are very large, long and well filled. Be sure and save me 2 bushels for next year. I was one of the first to get early native peas in the market, which of course always brings the highest price.

P. G. R.

Providence, R. I.

C. E. Allen:—Please book my order for 3 bushels Excelsior Peas; they beat anything we have ever had in this section for early peas.

S. T. C., Market Gardener.

Howard, R. I.

C. E. Allen,—*Dear Sir:*—Please send me 10 bushels of your Excelsior Peas and 1 peck of your best early Sweet Corn. Find check enclosed. D. B.

Many other testimonials could be given.

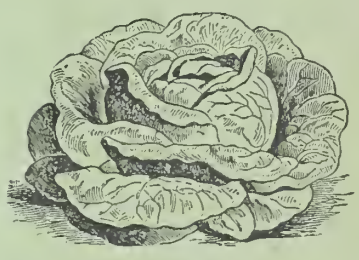
DWARF CHAMPION OF ENGLAND. A remarkable pea for market gardeners, very popular on Long Island. I think this will produce more peas than any other variety maturing at the same time. Peas very large, of rich flavor, wrinkled. There is no pea on the list for general crop I would plant in preference to this. It grows about 30 inches high; not necessary to bush, and is 2 weeks earlier than Old Champion of England, producing double the amount of peas. Out of 25 varieties tested on my trial grounds, none equal this. Ten days later than Improved Gem. Pkt., 10c.; qt., 30c; pk., $1.50; bu., $5.50.

IMPROVED GEM. To those who want a variety more prolific than American Wonder, three to five days later, growing five inches taller, and equally as fine flavor. I can recommend this as a variety that will please the family or market gardener, and no donht one of the most productive early wrinkled peas now in cultivation. This strain is grown with care to meet the demand as a prolific, fine flavored, early wrinkled pea. Eight to ten days later than Excelsior for family or market. Pkt., 10c.; qt., 30c.; 2 qts., 50c.; 4 qts., 85c; pk., $1.40; bu., $4.75.

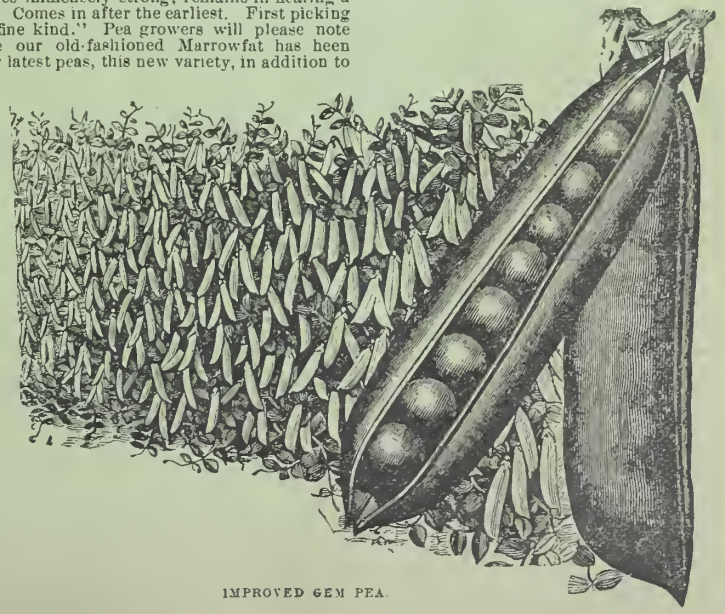
Marblehead Early Marrowfat. The introducer of this new pea says, while the early hard peas and wrinkled sorts have been improved upon, the Marrowfat has been almost utterly neglected. The points claimed for it by the gentleman in whose family it has been raised for nearly one-half a century, states with ordinary cultivation it will out-yield any variety. Remains a long time in bearing. Its large pods make it valuable for market. The quality is first-class; strong grower; standing drought better than any other variety. The well-known editor of the Rural New Yorker, who makes extensive experiments with new varieties, says: "Pods large, often containing 8 peas. Vines immensely strong; remains in bearing a long time. Comes in after the earliest. First picking July 1; a fine kind." Pea growers will please note that while our old-fashioned Marrowfat has been among our latest peas, this new variety, in addition to its other excellent traits, follows after the earliest sorts. Pkt., 10c.; 1-2 pt., 15c.; pt., 25c.; qt., 35c., by mail, 50c.

DWARF CHAMPION OF ENGLAND.

LETTUCE.



ARLINGTON FORCING.



IMPROVED GEM PEA.

Arlington Forcing. This is a select strain of white seeded Tennis Ball, grown for Boston market under glass as a forcing lettuce exclusively; the best strain of its kind offered. Pkt., 10c.; oz., 40c; 1-4 lb., 90c.; lb., $3.

BIG BOSTON OR MARBLEHEAD MAMMOTH LETTUCE.

Big Boston, or Marblehead Mammoth. Tois makes heads 8 inches across, solid as a cabbage, with outer leaves 18 inches across; second early; free from bitterness, tender and brittle; is slow to run to seed. Is in demand by market gardeners as an out door lettuce. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.

Grand Rapids Forcing. An early forcing lettuce, very brittle; also excellent for out doors. Pkt., 10c.; oz., 20c.

For other varieties see page 36.

MELONS.

Delmonicos. The melon represents years of careful selection of a stock of Musk Melon in the hands of the largest and most experienced grower of melons. It is of medium size, very flat at both ends, round, and more beautifully netted than any known variety; the flesh is dark salmon, uniformly deep, and unequaled in flavor. Pkt., 5c.; oz., 15c.; lb., $1.

Miller's Cream. Mr. Gregory says: "The best recommend I can give it is that marketmen last season bought up all the seed they could procure at $5 per pound. Flesh, salmon, very sweet and melting in quality, and so very thick that the melon is almost solid, the seed cavity being exceedingly small. The rind is thin, and but little netted. The vine is a strong grower, and very productive, covering the ground with fruit. Tested side by side, it was not excelled in productiveness by any of the varieties in my experimental grounds." Pkt., 10c.; oz., 20c.; lb., 75c.

WATERMELON. See page 36.

Early Hackensack, Emerald Gem, Nutmeg, Vick's Early and Stoke's Early will be found good, early, well flavored sorts for this climate, while larger and later varieties for a warmer climate are better.

THREE GOOD EARLY POTATOES.

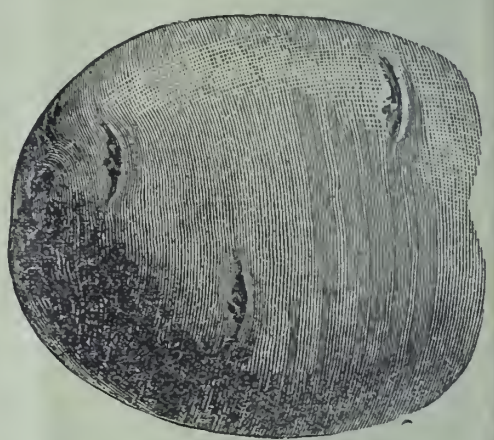
Early Six Weeks. Less subject to potato bugs than are most sorts. A week earlier than Stray Beauty or Sunrise, which are among the earlier varieties. At six weeks from planting potatoes are as large as hens' eggs, will mature in 72 days. It grows medium to large size, oblong to round; skin light pink, very smooth, shallow eyes, and a remarkably good yielder for so early a variety. Lb., 15c.; 4 lbs., 50c.; pk., 50c.; bu., $1.75.

Add 8 cents per pound if sent by mail.

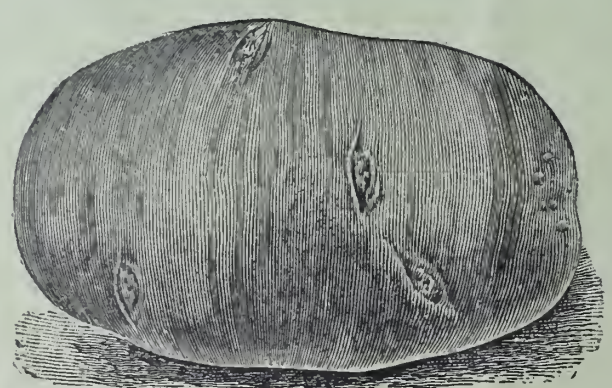
EARLY SIX WEEKS.

Extra Early Triumph. Matures **10 days earlier** than Early Rose. **An early market potato** for a general early main crop to be sold before others reach the market. Many who planted them last year gained ten days ahead of Rose of Hebron, selling for $2 per bushel—when other later varieties arrived in market price had dropped to $1 per bushel. Here is the main feature in this very early potato. Plant Extra Early Triumph for very early use, and the Queen for second early or main crop, and you have two as good varieties of potatoes as can be found. As a keeper, few, if any, equal it, the two unfavorable seasons of 1889 and 1890 few unsound potatoes being found, where others decayed badly, owing mainly to its extreme earliness, maturing before the heavy rains and blast appeared. It is of medium size, uniform, nearly round, few small ones, growing compact in the hill; color, light red. This is the variety so largely planted in the Southern States and in Bermuda for shipping early potatoes north, being the first to appear in the market. The entire crop can be dug before Early Rose is ready for market. Lb., 15c.; 4 lbs., 50c.; pk., 50c.; bu., $1.50; bbl., $4.25; 3 bbl. lots, $4 per bbl.

Add 8 cents per pound if sent by mail.



EXTRA EARLY TRIUMPH.



QUEEN.

Queen. It has been well tried throughout the East and West, yielding heavy crops of handsome potatoes; is large, closely resembles Early Hebron, and with an equal chance will outyield any other early potato; smooth, oblong shape, very handsome. One party writes he grew 22 bushels from one peck, another 90 pounds from one pound, another 30 barrels from one barrel. Ripens about with Early Rose. Lb., 15c. by mail; 4 lbs., 50c. By express, pk., 50c.; bu., $1.50; bbl., $4.

SQUASH.

Mammoth Summer Crookneck. This variety combines size and earliness with prominent wartiness, which makes it the most valuable early summer variety now in use, and no gardener can afford to be without it. Pkt., 5c.; oz., 15c.; 1-4 lb., 25c.; lb., 75c.

Hubbard Squash. I have a limited supply of a select and superior strain of Hubbard Squash, the same strain that secured the first prize at our Valley Fair for the past 3 years, and no doubt the most pure stock of Hubbard Squash now grown. Pkt., 10c.; oz., 15c.; 1-4 lb., 30c.; lb., 95c.

HUBBARD SQUASH.

Novelties in Flower Seeds.

BUTTERFLY PEA.

LOOK AT ME.

BUTTERFLY PEA.

Centrosema Grandiflora. Absolntely new. It is a perfectly hardy, perennial vine, rare and beautiful, which blooms early in June from seed sown in April, and bears in profusion inverted, pea-shaped flowers from 1 1-2 to 2 1-2 inches in diameter, ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the centre. The large buds and the back of the flowers are pure white, making it appear as if one plant bore many different colored flowers at one time. Occasionally plants bear pure white flowers, while others are margined with a broad white feathering. The flowers are produced in the greatest abundance, sometimes 6 to 8 in a single cluster. The stem and foliage are very graceful, and of a delightful odor. Blooming stems placed in water remain fresh for many days. It is well adapted for every garden purpose, especially as a climber, running 6 to 8 feet in a season. Even in the poorest soil it will bloom freely until cut down by frost. There is predicted for it a great run and immense popularity here and abroad. Pkt., 25c.

DELAUX'S PERFECTED
Early Flowering Chrysanthemums

(*Hardy Perennial class.*)

Perennial Chrysanthemums are so well known that we will confine ourselves to the merits of this remarkable new class, which were raised by a celebrated French specialist, who, by persevering selection and skillful hybridizing, obtained a series of 200 varieties of early flowering Chrysanthemums that in this latitude bloom continually from June until frost. The seed offered has been gathered from the complete collection of Mr. Delaux, and will produce an endless variety of magnificent flowers of superb colors, 90 per cent of which he claims will come double, and mostly of the Japanese type, differing from the latter in more dwarf and branching habit, and in consequence more abundant blooming. While we in the North cannot expect the Delaux Chrysanthemum to bloom as early as in France, yet they will precede the regular Chinese and Japanese Chrysanthemums by several weeks, especially if the seed be started in the house early in the spring and the plants removed to the open ground. To have Chrysanthemums bloom in the open ground weeks before frost will be highly appreciated by all lovers of this flower. The Horticultural Press unanimously recommend this new race, and predict for them a brilliant future. See cut. Pkt., 25c.

SUMMER FLOWERING CHRYSANTHEMUM.

Lorenz's Newest Fringed
Double Annual Chrysanthemums.

(*C. carinatum hybridum fimbriatum fl. pl.*)

A new collection, surpassing other strains of this garden annual, on account of their extra doubleness and perfection of form. The petals lie, scale-like, one upon the other, fringed. Colors more beautiful, including numberless hues of rose, fiery scarlet, blood-red, purple, yellow, white, etc., the dark brilliant colors predominating; and, besides, many of the flowers are beautifully penciled. For effective summer flower beds these new Chrysanthemums are unequaled, of quick, easy growth, forming bushy plants 12 to 15 inches high, which commence blooming within a few weeks after the seed is sown. Pkt., 25c.

Chrysanthemum Maximum. May be grown as annual or perennial. Small flowering single white flowers exist in abundance, but well-formed, large white flowers, which in spite of their size represent an elegant appearance, stand in great demand. This produces blooms 3 inches across, and comes true from seed. Sown early the Chrysanthemum Maximum will flower the same year, but finer and readier to bloom it will come when sown in July and the plants stored in September to the place where they in the coming year will make an admirable show. Pkt., 15c.

NEW ROSES.
Multiflora or Dwarf Polyantha Hardy.

This class of roses is well known for hardiness, ease of culture, small flowers, abundantly produced. By sowing seed in February or March in good soil, this class will bloom the first season producing flowers which are double, semi-double and single in colors of all shades found in the rose; being hardy will live in open ground in winter and produce compact bushes with hundreds of blooms from June to October. The seed germinate freely, when plants are 2 or more inches high transplant in open ground in May and will grow and bloom continually. Many customers report excellent success with seed of this variety last year. Pkt., 10c.

CLEMATIS.

Paniculata. One of the finest hardy climbers in cultivation. Of robust habit, climbing about 12 feet high, and covered from the ground to the summit with pure white, fragrant flowers, so freely produced as to completely hide the foliage. In September the flowers are followed by seed pods of bronzy red. Pkt., 15c.

GLADIOLUS.

NEW GIANT GLADIOLUS.

New Giant Gladioli, Gladiolus Nancianus. The flowers of this new variety are gigantic, beautifully marked and of lovely color. The seed is very scarce, and the grower states in offering it he is rendering a service to lovers of this favorite class of bulbs which grow so willingly from seed. Pkt., 35c.

New Variegated Japan Hop. The original green Japan Hop, which in the shortest time became a universal favorite climber, will be outdone by this variegated kind growing equally fast and looking more attractive. The seed will yield about 80 per cent true in color. Some of the leaves are variegated silvery-white, creamy-white, yellowish-green and dark-green. Sow towards end of April 3 to 4 seeds into 3-inch pots; when strong enough plant out. Pkt., 30c.

NEW SWEET PEA.

Emily Henderson. The introducer claims this to be 2 weeks earlier than other varieties; 3 to 4 flowers on a stem and often more; supported by stiff, long stems; very fragrant and equal in size to the largest of the Eckford type. Pkt., 25c.; 3 pkts., 60c.

The following are six of the latest introductions of the Eckford varieties, giving distinct shades, largest flowers, newest colors.

Queen of England. Very large, pure white; flowers of great substance; much superior to the ordinary white variety. Pkt., 10c.; oz., 35c.

Primrose. The nearest approach to a **Yellow** Sweet Pea. Quite novel and distinct color, the standard and wings pale yellow. Awarded first class certificate by Floral committee at London Horticultural society. Pkt., 15c.

Boreatton. Deep maroon flowers, large, effective; colors novel and pleasing. Pkt., 10c.

Violet Queen. Deep rich blue; flowers large. Pkt., 15c.

Splendor. Bright rose, flushed with crimson. Pkt., 10c.

Prince of Wales. White, striped mauve. Pkt., 10c.

The collection of the above 6 varieties, 50c., one packet each.

EMILY HENDERSON.

NEW PERPETUAL PINKS.

Mdm. Guilland. The only strain with yellow flowers that bloom the first year from seed. They contain carnation resemblance, like the Marguerite, yet possess the profuse and early flowering qualities of the Dianthus, blooming summer and autumn from spring sown seed, flowers are large, in good variety of colors with yellow and yellow with stripes, white, crimson, rose, double and semi double. Is largely grown in France in out-door culture for cut flowers and is very valuable for florist's use. Pkt., 25c.; 3 pkts., 60c.

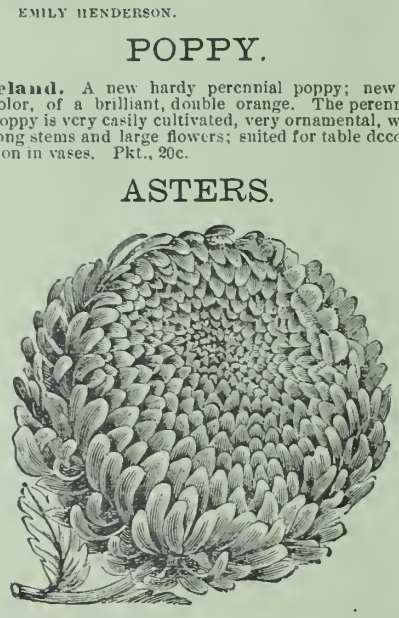
ASPARAGUS.

Broussoneti. Beautiful hardy perennial climber, growing 10 feet high; feathery foliage and scarlet berries; in the autumn this is a very ornamental object. Pkt., 10c.

POPPY.

Iceland. A new hardy perennial poppy; new in color, of a brilliant, double orange. The perennial poppy is very easily cultivated, very ornamental, with long stems and large flowers; suited for table decoration in vases. Pkt., 20c.

ASTERS.



The Aster is growing in popularity, both in the increase of sale of plants and cut flowers, and our sales in seed number many thousand packets, together with large quantities to the florist trade. This flower gives more satisfaction and display during late summer and autumn than any other annual. On my grounds last season about 10,000 plants of nearly 50 varieties and shades gave a succession of bloom from July to October, attracting the attention of hundreds of people, giving a brilliant and dazzling display.

Special premiums have been awarded my Asters at our State and County fairs. The list comprises one of the largest and most complete. See pages 14 and 15. The mixtures are rich in color, and quality the best.

Many testimonials could be given in praise of them.

ASTER, NEW WHITE COMET.

Comet White. This novelty is from France. We have already a rose and striped variety in this class, this a new white making an important addition. The flower is composed of long, white, wavy petals, similar to a Japanese Chrysanthemum; distinct from any other class. This novelty being first offered last year, owing to a failure of the seed crop but few seed could be had, consequently we were obliged to refuse many orders. A supply equal to the demand has, I think, been procured this season. Pkt., 15c.

ASTER, JEWEL, OR BALL.

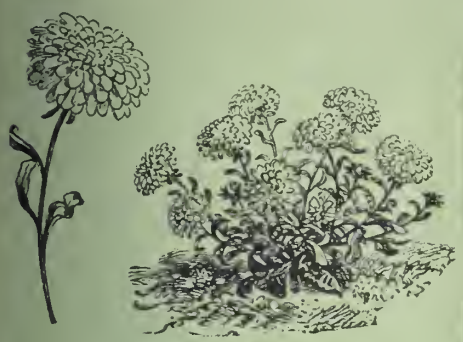
New Tall Purple Violet. Is this year added to this popular class; an exceptionally fine color in purple. Pkt., 35c.

In this beautiful new class the following shades were introduced last year, viz.: **Apple Blossom, Deep Rose, Crimson, Rose and White.** Pkt., of all colors mixed, 10c.; 6 pkts., 50c.

PRINCESS ASTER, SNOWBALL.

Princess Aster, Snowball. This is as beautiful as it is distinct, and the first variety of an entirely new class, similar to a Lilliput Dahlia. In form it makes a half sphere circle with short, thick petals; a single plant will develop 30 full size flowers, and the lasting qualities are unequalled; an excellent novelty, and the beginning of a superior race. Pure white. See cut. Pkt., 15c.; 4 pkts., 50c.

Mignon, Rose Color. The white variety of this section is one of the finest for cut flowers. This new rose color will be found equally as good where a fine rose color is required, and will doubtless become equally as popular. Pkt., 15c.; 4 pkts., 50c.



ASTER, QUEEN OF EARLIES.

Queen of Earlies. The earliest of all Asters, blooming in the open ground in June, flowers are produced in abundance, pure white. It will prove valuable on account of its earliness, being so much in advance of all others; valuable for-cut flowers; a rare novelty. Pkt., 15c.

Persian. This is very early, half dwarf, half double, and a variety of colors. It is in bloom 2 weeks before Queen of the Market, which is remarkable for its extreme earliness. Can he easily forced and will become popnlar among many florists who desire to obtain flowers early in tbe season. Mixed colors, pkt., 15c.; 2 pkts., 25c.

New and Choice Asters of Recent Introduction.

Globe. Crimson scarlet, with white tint; a beautiful large flowering variety. Pkt., 15c.

Rose Flowering. Deep crimson; awarded a certificate; very effective. Pkt., 10c.

Victoria Yellow. Pale lemon yellow. Pkt., 10c.

Large Searlet. Of a deep crimson scarlet; very large, new and fine; very double. Pkt., 15c.

Pyramid Flowered. Fiery crimson; very handsome.

Pearl. One of the best and most perfect white varieties. Pkt., 15c.

Prize Mixtures. The finest of the tall growing varieties in all shades and colors. Pkt., 10c.

Marguerite Carnation. If sown like other annuals in tbe open ground they commence flowering in August and continue to do so during the winter, and all through the year; are quite constant and produce at least 80 per cent of double flowers. May easily be planted in pots in the autumn and are most valuable for every grower. Habit, strong; branching directly above the ground, vigorous stems which need no sticks; flowering abundantly and easily the year through; beautiful flowers in all colors. But what renders these beautiful plants more valuable, is that they flower about 4 months after being sown. Owing to these excellent qualities, this variety is far superior to any other of its kind. They grow well in any soil, it may be sandy or beavy loam, and rank foremost as very first class plants. If we consider tbat these Carnations can be brought to produce fine double flowers in abont 4 months after sowing, it must he admitted that this certainly signifies a progress in the cultivation of Carnations. By treating them properly magnificent flowers can be had throughout the winter. All wbo have tried this Carnation speak of it in the highest terms. For ont-door culture and with those who do not succeed in propagating the named varieties of Carnations, this is the most easily propagated, and yields quantities of flowers in variety of colors; excellent for florists or amateur culture. Mixed colors, pkt., 10c.; 3 pkts., 25c.; 7 pkts., 50c.

Separate colors of **white, pink, scarlet, variegated, carmine,** 10c. each; 3 for 25c.; or 1 pkt., each 5 varieties, 40c.

NEW CARNATIONS.

COMTESSE DE PARIS.

Dwarf Yellow Comtesse de Paris. A very dwarf, self colored variety, coming true from seed; bighly recommended. Pkt., 25c.

Rivera Market. The best of all carnations, and of nearly as rapid growth as the Marguerite class. Few single flowers are produced, hut almost exclnsively double, with a percentage of yellow grounds. Pkt., 25c.

BEGONIAS, TUBEROUS ROOTED.

This beautiful section of Begonias is becoming in favor for bedding, similar to geraniums, and as pot plants for summer cut flowers, producing as they do the most showy and attractive flowers in many shades and colors, of rich velvety appearance. The flowers often measnre 3 to 4 inches in diameter.

Single Tuberous. From tbis strain of seed some of my customers write they bave grown from seed sown in February some of the very choicest colors and largest flowers, blooming from July to October, many of the flowers measuring 4 and 5 inches in diameter. Seed from this collection is unsurpassed. Pkt., 20c.; 3 pkts., 50c.

International Prize. Tbis strain of Begonia is saved from the largest and best selected blooms of new English, French and German collections tbat have proved of snperior merit; mixed colors. Pkt., 30c.; 3 pkts, 75c.

Double Tuberous. Seed saved exclusively from the choicest collections of named or prize flowers; mixed colors. Pkt., 40c.

MAMMOTH VERBENA.

MAMMOTH VERBENA.

New American Mammoth. For over 20 years the originator has patiently waited to obtain the largest flowering, greatest variety of fine colors, and perfect flowers, by sowing seed of any strain in the world, many flowers superior to named varieties. There is no question but that tbis New England strain will prodnce more large flowers from seed than any otber, always winuing first prize when on exbibition. Single heads or trusses 3 inches across; each flower of most of them average as large as a twenty-five cent piece, in a variety of colors. Every florist wbo wishes a choice strain of seedling Verbenas should obtain tbis. Pkt., 25c.; 6 pkts., $1.25.

WHITE SWAN POPPY.

A fine novelty of recent introduction. It forms a dense branching bush 2 feet in height; above this on strong, slender stems are very large flowers. Tbese are of immense size, very double, laciniated petals, of the purest white. It lasts longer in bloom tban any otber poppy. Its luxuriant green foliage and pure white flowers will make it a conspicuous object when planted in groups or as single specimens in the garden. Per pkt., 10c.; 3 pks., 25c.

CANNA.

Crozy's New Dwarf French.

Among the most popular plants at present are the **"Dwarf Crozy Cannas,"** not only valnable for bedding, bnt for house plants. They bloom almost continnally the whole year. They grow from 1 to 2 feet high, with bright scarlet flowers almost as large as gladiolus. Otbers have large, yellow, spotted, scarlet, striped, salmon, and clear yellow. Mdm. Crozy, Childii and otbers originated from seed of this highly prized class. The seed offered has been saved by Mr. Crozy from his most beautiful and latest introductions, remarkable for size, beauty of flower and foliage. Fine for pot culture or forcing.

CROZY'S NEW DWARF FRENCH CANNAS.

Splendid mixture. Pkt., 15c.; 1 pkts., 50c.

Mdm. Crozy. Pkt., 25c.

Seed from 8 latest varieties of 1892, including Mdm. Crozy, 35c. per pkt. *This is the most choice of all collections offered by any dealer.*

PERFECTION PANSIES.

PERFECTION PANSIES. This strain contains the choicest and latest introductions up to date, in the most rare and beautiful shades and large size of flowers. They are yearly improved by selections from the finest colors, largest flowers and finest variety, and have been awarded many first-class prizes. I add every season the new and improved varieties from France, Germany and England, making them among the very choicest Pansies now offered. This mixture contains the most rare and choicest varieties with large flowers, plain and fancy markings of all shades and colors, for bedding; many of the flowers measure 3 inches across. It is doubtful if any other mixture contains so many choice kinds in one packet for the same price. Pkt., 20c.; 3 pkts., 50c.; 6 pkts., $1; 12 pkts., $1.75.

GIANT PANSIES.

This race is of vigorous and compact growth, the flowers of good form, and the size before unknown in the Pansy. Often flowers will measure 3 to 3 1-2 inches in diameter. The hot weather does not affect them as much as other varieties; even in mid-summer when other Pansies are so small, these seem little affected.

Giant White. White, with 3 large, distinct, dark violet spots. Pkt., 15c.

Giant Aurikel Colors. This represents the most rare shades. Pkt., 15c.

Giant Black King. Intensely dark, almost coal black. Pkt., 15c.

Yellow Giant. Large; pure yellow with dark eye, the best of all yellow. Ptk., 15c.

Giant Purple King. Very large; intense, deep purple. Pkt., 15c.

Giant Lord Beaconsfield. Deep violet, shading in the top petals to white. Pkt., 15c.

Giant Bolgian Striped. The enormous size of

flower, robust habit of plants, makes this the perfection of striped Pansies, being different in form and habit from other striped varieties. Pkt., 15c.

Odier Prize Blotched. This produces large, handsome flowers of great substance and variety of coloring, the petals being beautifully blotched; a magnificent strain. Pkt , 15c.

Giant Five Spotted. The best Pansy of its type, representing the great improvement made over the Odier blotched, it having perfect symmetrical flowers of enormous size. The petals are firm and substantial, beautifully blotched with the richest purple crimson, bordered with white, yellow, and various other shades, making a striking contrast in sections of color and distinct velvety hues. Pkt., 20c.

One packet above 9 varieties, $1.35.

Trimardeau Improved. These are of more substance, brighter and finer colors than the ordinary Trimardeau. The flowers are very large, of much finer petals. Best mixed colors, pkt., 15c.; 6 pkts., 75c.

Peacock Pansy. A new, free flowering early Pansy, large, brilliant and novel. Upper and lower petals purple with peacock blue, a new shade in Pansies. The two lateral petals, rich maroon, each petal circled with rosy white. Pkt., 15c.

New Prize Victoria. The first really red flowering variety of merit obtained. Different from other flowers; of good size and form; brilliant bright red; quite new and distinct in color; this should be in all rare collections. Pkt., 15c.

Morata. For brilliant fancy, rich markings, variety of coloring, this Pansy represents one of the most beautiful on the list. Pkt., 15c.

Aurikel. Large flowering; representing very rare shades. Pkt., 15c.

Rothschild. This is a strain of fancy varieties, with rich, beautiful spots and markings. Pkt., 15c.

One packet each above 5 varieties, 65c.

NEW PANSY.

New Persian. This new strain possesses a remarkable degree of good quality which the improved varieties have recently gained in public favor. Enormous flowers; are produced with substantial petals,

NEW PERSIAN PANSY.

borne on stout stems to hold in position to show the flower to perfection. The flowers are of the very largest type, the blotch more conspicuous. The various and magnificent shades are unsurpassed in beauty, and is said to supercede all others in the Persian flower markets. A novelty of sterling merit. Pkt., 50c.

Kaiser Frederick. This new Pansy produces extra large flowers; perfect in form, of rich purple; the margin being of a bright yellow and scarlet; unique and beautiful contrast. Pkt., 25c.

Cardinal. This new Pansy was obtained by cross fertilizing, and is the nearest approach to bright red yet attained, producing flowers of a brownish scarlet with dark spots on 3 lower petals. A choice select strain. Pkt., 25c.

DIANTHUS.

Double French Perpetual Mixed. The French strain gives more succession of flowers than the English, also better shape, with laciniated petals instead of whole; remarkable for great range of colors, rose, red, copper. Pkt., 25c.

CLEMATIS.

Paniculata. One of the finest hardy species in cultivation. Of robust habit, climbing about 12 feet high, and covered from the ground to the summit with pure white, deliciously fragrant flowers, so freely produced as to completely hide the foliage. In September the flowers are followed by pretty seed pods of bronze red. Pkt., 15c.

IMPATIENS SULTANI HYBRIDA.

Beautiful hybrids of this admired plant in varying shades from delicate pink to the deepest red. The Impatiens is admirably suited to greenhouse or window decorations on account of its easy culture as a pot plant. Pkt., 20c.

BRAZILIAN MORNING GLORY.

Ipomœa Setosa.

A magnificent summer climbing annual, growing with great vigor. Seed sown May 15th produced plants that covered a trellis 12 feet high by July 28th, and by August 15th the vines were from 30 to 40 feet long and still growing, branching and climbing in all directions. The leaves are 8 to 12 inches across and are borne from the ground up, over-lapping each other and making a dense shade. The vine is covered with short reddish hairs, while its immense leaves, large clusters of curious seed, render it ornamental and give it a tropical appearance. Good for quickly covering a piazza, arbor or a tree, and where a dense shade is required it has no equal. The flowers, which open in the morning, are 3 inches or more across, of a beautiful rose color, and are borne in large clusters very freely from July to frost. Pkt., 15c.

NOVELTIES IN PLANTS.

AMERICAN BELLE. (New Rose.)

American Belle. This new Rose originated as a sport from American Beauty, and is considered a great acquisition in the Rose family. On repeated exhibitions at Philadelphia, New York, Boston and other large cities it was awarded the highest honors. It is entirely distinct from American Beauty in foliage and color, being of a deep pink when first opening, changing to a lighter shade as the flower develops, possessing the same delightful fragrance peculiar to its parent, equally free in habit of bloom. Young plants ready April 15th. $1 each.

Madame Caroline Testout. (Hybrid Tea.) A new Hybrid Tea of the La France type, larger and better color, delicate pink; free habit of growth and free flowering; individual flowers often larger than La France; strong stems and handsome foliage. A leading New York cut flower grower says: "It is a Rose which I think is the best Hybrid Tea the French have sent out up to date; clear pink in color; nothing in the Rose line can approach it in color; and the flower is as large as Baroness Rothschild and as free as La France, and if my judgment is not mistaken it will make a sensation in the cut flower market when it is brought in good shape." 35c.

MRS. PAUL ROSE.

Mrs. Paul. One of the most distinct Roses, adapted to out door bedding, possessing the desired qualities for that purpose; ever-blooming, strong thrifty growth, large, glossy foliage, fine flowers. The color is a blush white, overlaid with rosy peach; this rich, unique coloring is one of its marked characteristics. The outer petals are recurved. For smoothness, richness and finish, it is without a rival. It originated in England, and received numerous medals and certificates at the various exhibitions; besides, it has

received the highest praise from the press there, and our experience confirms what has been said of it. 25c. each.

See illustration on first page of cover.

Climbing La France. The hardy climbing Roses have been almost totally devoid of perfume, and none of them have that form and substance deemed requisite in a high-class rose. La France excels even its parent in size and quality of flower, retains the peach-pink color and the fragrance which have made it the favorite it is. It originated as a sport from La France, and has been under trial for the past four years, so that its character is fixed. Small plants set out June 15, 1892, attained a growth of 15 feet by October 15. The Climbing La France is equally as hardy as its parent. Price, 50c.

See pages 52-56 for general collection of roses.

Bridesmaid. (Tea.) In this new Tea Rose we have an improved Catherine Mermet, from which it is a sport. Mermet, on account of its exquisite shape, large, solid, firm buds, with long stiff stems, has long been considered one of the best cut flower varieties. Bridesmaid at all seasons is a clear, delicate pink, in all respects a counterpart of Mermet, with large, handsome pointed buds on long stiff stems. Will prove one of our most valuable forcing varieties for winter flowers. 35c.

NEW TEA FORCING BRIDESMAID.

Six Hardy Ever Blooming Roses for Bedding.

Clothilde Soupert. Hardy, ever blooming, makes a fine house rose, and is unsurpassed for bedding; good for house culture. Known as a "Polyantha Hybrid," obtained by crossing a monthly ever blooming variety with the Polyantha Rose Mignonette. The flowers of Soupert are of full average size, double to the center, and exquisitely fragrant; color, white, deepening to rosy blush in the center. Its value lies in its compact, vigorous habit and profusion of bloom, even the small plants being covered with flowers. The form and substance of the flowers are excellent; too much cannot be said of this rose for bedding. Valuable as it is for garden purposes, it is equal for pot culture. 1st size, 20c.; $2 per doz. 2d size, 15c.; $1.50 per doz. Small plants, 10c.; $1 per doz.

CLOTHILDE SOUPERT.

SOUVENIR DE WOOTTON.

Souvenir de Wootten. One of the finest varieties introduced for either summer or winter blooming; color, beautiful crimson; fragrant; a constant bloomer, nearly every shoot forming a flower bud. It retains its color better than any rose of its class, and is exceedingly vigorous in growth, rendering it one of the most satisfactory roses for either the amateur or commercial florist. Hardy in the open ground in the latitude of New York city. 20c.; $2 per doz.

Dr. Reymont. Obtained by crossing the Gen. Jacqueminot and the Polyantha. It inherits the hardiness and crimson colored flowers, with the profuse blooming qualities of the Polyantha, combining the two qualities desired in a garden rose; is entirely hardy, ever blooming and delightfully fragrant. 20c.; $2 per doz.

Mrs. Degraw. A hardy out-door rose equalling the tender varieties in profusion of bloom from early summer till frost. Will produce flowers in abundance. Color, glossy pink; fragrant, very strong grower. This variety was raised by Mr. Wm. Burgess several years ago. Price, 20c.; $2 per doz.

Mary Washington. The introducer states the original stock was recently taken from a rose raised by George Washington at Mount Vernon 100 years ago. It is a hardy perpetual ever blooming climber with large, double white flowers, blooming from June to frost. Price, 20c.

Mrs. Paul. See description above. Price, 25c.; $2.50 per doz.

For good Hardy Perpetual Roses see page 52.

Eight excellent Bedding Roses from 4 inch pots:

Hermosa,	**Bon Silene,**
Marla Van Houtte,	**Agrippina,**
Safrano,	**Duchesse de Brabant,**
Malmaison,	**Waterville.**
Snowflake.	

Price, strong plants, 4 inch pots, above 9, $1.50.

This collection are free growers, good bloomers, and good bedders for summer.

NEW CARNATIONS.

1893.

Grace Battle. Delicate pink, fragrant; free grower. flowers large. 30c.

New Jersey. New scarlet, flowers 3 inches across; long stems, upright grower. 30c.

Gov. Russell. White, strong grower; long erect stems; prolific, fragrant and free. 30c.

Pearl. White, sometimes suffused with pink; flowers 3 to 3 1-2 inches across, beautifully crimped. 20c.

Six Choice Pinks.

Daybreak. Shell pink, large flowers; the most beautiful of all pinks. 15c; $1.50 per doz.

Aurora. Beautiful rose pink, free, fragrant; a fine flower. 15c.; $1.50 per doz.

AURORA.

Puritan. Clear, pure white; perfect form, a fine flower. 15c.; $1.50 per doz.

Buttercup. The best and most profitable yellow. 15c.; $1.50 per doz.

F. Mangold or Imp. Webb. The best of the dark crimsons; large flower, fine dark color. 15c.; $1.50 per doz.

American Flag. Scarlet and white, striped; free grower, good bloomer; the best variegated. Strong plants. 15c.; $1.50 per doz.

The collection of six above plants, one each, 75c.

CHRYSANTHEMUMS.

Golden Wedding. A grand, golden yellow; a remarkably vigorous grower, and has such strength of stem that it carries its globular flowers erect, giving it a bold appearance. The outer petals droop down-

ward, the flowers being built high, with broad petals irregularly overlaid: the flowers are large, but not heavy, solid looking. 40c. Ready March 1.

Good Gracious. Another introduction from Japan, and so remarkable for size as to suggest its name; the first sight of it usually brings forth an exclamation of admiration. The color is unique, being a delicate shade of peach pink throughout; the form is remarkable, the petals are incurved and twisted, overlapping each other in irregular fashion. Of all varieties introduced from Japan this is perhaps the most remarkable for size, form and color, and stands alone in its unique beauty. 40c. Ready March 1.

Gettysburgh. Deep, rich crimson; the flower itself is soft and velvet-like; the outer petals are broad and drooping. The form is flat, with drooping outer petals, which gives it a very graceful appearance; this is the popular form. 40c. Ready March 1.

The three above varieties, $1.

Among the newest, best sorts of recent introduction.

Geo. W. Childs. Deep crimson.
Hiek's Arnold. Large, full, double; old gold yellow.
Mrs. E. D. Adams. White, very large; long twisted petals.
Wm. Falcona. Light pink; flowery feathery, after the style of Alphus Hardy.
El Dorado. Free, early yellow.
O. P. Bassett. Crimson, lighted up with scarlet; very large.
Roslyn. Mermet pink; cup shape; solid, immense size; good habit, erect stem, good foliage. 30c.; 6 for $1.50.

September Chrysanthemums.

See illustration on page 17. A new race of Japanese Chrysanthemum, blooming two months earlier than the well-known autumn varieties, with large flowers. Mr. Delcaux from France is the successful hybridizer of this new annual class, which is likely to be much cultivated on accountof its earliness, blooming in open ground in September before frost.

A collection of 10 best varieties, 30c. each; seed, 25c. pkt.

CANNAS.

The dwarf, large flowering Cannas are very popular, now extensively used for bedding; flowers nearly as large as Gladiolus in rich shades of scarlet, yellow and crimson, blooming from June to October.

The illustration represents a bed, 8 feet in diameter, which contains about 37 roots, viz.: 12 tall, red leaved, growing for the center, Robusta Perfecta; next a circle of Noutonii, 4 feet high with rich crimson flowers; then an outside border, of 15 Mdm Crozy or A. Weicks, or an alternate plant of Gen. Boulanger or Childii, rich yellow flowers with scarlet spots; or in their place a dwarf, dark foliage gives a rich appearance for border, or the bed can be made 2 feet larger across, and then add the crimson border of about 20 plants, costing about $2.40

CANNAS, MDM. CROZY FOR BORDERS.

in addition; or $7 for 57 Cannas started in pots; or the bulbs not started for $4.50. Order bulbs before May 1, as all dry bulbs are usually disposed of by or before that date.

If the center of 12 Robusta are used and then a circle of Brilliantissma or Mdm. Crozy, with an outside row of Caladium Esculentum it gives a pleasing effect.

MDM. CROZY.

Mdm. Crozy. The best large flowering, dwarf Canna for bedding or pots. Grows 2 1-2 to 3 feet high, with clusters almost as large as gladiolus, of a brilliant scarlet with a narrow yellow border, produced from June to October, and when lifted in September will continue to bloom in the house for 2 or 3 months; the best for bedding. Mdm. Crozy makes the most attractive bed for summer blooms of all plants, and will be extensively used the coming season; well adapted for vases and tubs. 25c. each; $2 50 per doz.

Nellie Bowden. A new yellow, large flowering Canna; of same habit and growth as above; very free in growth and bloom. $1 each.

Fran Crozy, Alph. Boevier, Capt. Suzzouli, Pres. Carnot, see page 45.

FUCHSIA.

Molesworth. This is the best of all double white varieties; larger than Storm King, more free in growth and bloom. No double white equals the Molesworth at the present time as a pot plant for the house or conservatory. 20c. each; 3 for 50c.

Abbie Garnier. An improved Phenomenal, flower larger, earlier, and more profuse bloomer. The best double, large flowered, purple color; purple striped carmine. 20c. each; one each above 3 sorts, 35c.

FUCHSIA, MOLESWORTH.

New Geraniums. 1893.

Banquise. Strong and compact, truss of flowers enormous; pure white, on long stems; is pronounced the finest white ever introduced for bedding. (Single.) 50c.

BRUANT GERANIUM.

Comte de Neturmures. A striking novelty of the Mirande family, single; bright orange vermilion, lower petals marked lilac, upper marked white, shading to vermilion. (Single.) 50c.

Dr. Levavasseur. Free and vigorous, single; flowers blotched and shaded; truss immense; lower petals orange, marked lilac, shaded to cerise; upper petals lilac, veined red and bordered cerise. 50c.

B. Kelway. Salmon, with flesh tint, lighted with white; perfect in habit, grand truss; double. 50c.

M. R. Martin. Dwarf, and free branching, blooming abundantly; enormous truss, well above the foliage; color, beautiful rose; marked white on upper petals, with lilac on lower petals; double. 50c.

Violet Queen. The truss is enormous, of a beautiful shade of rose and heliotrope; exceedingly fine fancy sort; single. 50c.

Spotted Beauty. Single; color, soft rosy lavender, dotted with crimson about the center; flower circular form, with overlapping petals; fine in size and form. 50c.

Beauty of Richmond. Intense orange scarlet, very dazzling, large white eye; florets perfectly circular, of immense size; extremely fine. 50c.

Gettysburg. Bright crimson maroon, beautiful shade; flowers large and fine form; a beautiful dark variety. 50c.

Admiral Gervais. (Single Bruant.) Extremely free in bloom; truss gigantic, florets of the largest size, nearly circular; perfect, bright rosy scarlet; unusually well shaped. Bruant type. 50c.

Comte de Elbee. (Single Bruant.) A desirable novelty, habit dwarf; foliage zoned; truss and florets immense, color tender rose passing to bright rose; very distinct. 50c.

W. P. Simmons. (Single Bruant.) Remarkable for dwarf stature; brilliant; abundant bloomer of bright orange scarlet; fine, large size, well above foliage. 50c.

E. Legonne. (Double Bruant) Very large truss, of enormous florets; silvery salmon, peculiar shade, distinct from all. 50c.

New Geraniums for 1892.

S. G. Cobb. Beautiful floret with overlapping petals; zoned foliage; large showy truss on long stems; the 2 upper petals are white one-half the distance from the center; the other half is bright pink; the other 3 petals are bright pink, dotted near center with many tiny points of bright red. Good fancy pot variety, and a good bedder. 25c.

W. A. Chalfant. Dazzling scarlet, florets circular and slightly cupped, forming a magnificent truss; heavy Bruant-like foliage assuring it a good bedder. 20c.

Mrs. J. M. Gaar. Probably the finest of the single white bedders; semi-dwarf; the plants have been a cloud of bloom all summer. Florets nicely shaped and of medium size.

F. Becker. Color glowing peach pink, shaded to carmine near the center, enclosing a white eye; 2 petals light scarlet, beautifully veined darker; showy and effective. 25c.

H. de Bovluer. Large truss; double white plant, covered with bloom; one of the finest of late introductions; strong and free grower. 30c. each.

Madonna. Soft pale pink; large, showy; a delicate and striking color.

FLOWER SEED DEPARTMENT.

SOWING SEED.

Each year beginners are cautioned to carefully attend to the sowing of seed, to use care in firming the dry earth about them, sowing tender varieties too early or when the earth is too cold and wet. The three features to disadvantage in sowing time are low temperature, compacting rains and high winds; a constant watch may profitably be given. Seed need heat to germinate; the earth in spring is like a cold body held before a fire; its surface becomes warmed, penetrating deeper, and seeds planted early should not be covered too deep, but as near the surface as moisture can be secured. Often it is important that seed should come up promptly; compacting rains followed by hot sun and drying winds crust the earth, preventing the germ from forcing itself through. The temperature at which different seed will germinate may well be borne in mind. Actual experiments have shown that some of the cultivated plants will germinate at the low average temperature following: peas, 45°, corn, 48°, beans, 40°, squash, 54°; thus if the average temperature with proper moisture could be controlled at 48°, corn can be planted; if lower than 45°, it would be unwise. Florists regulate the temperature of the greenhouse by thermometers, varying the degrees from a tropical, medium, and low atmosphere, as required for the varieties of seeds or plants.

Compacting earth in dry weather is of importance to insure the necessary moisture, and I have often found it advisable to open the row, sow the seed, following with a can of water to moisten the soil sufficiently, immediately covering, firming the ground. Cabbage planted in this way in dry weather, in an average temperature of 60°, will break the ground in five days, while if covered in dry soil only a small per cent will grow, and many failures are made in seed planting for want of proper moisture and firming when first put in the ground in a dry time.

The time of sowing to germinate well is regulated by the condition of the season and soil. In this section, flower seeds are sown in open ground from the 10th to the 20th of May, as the weather is then warm and the soil mellow and settled in the best condition to receive seed to germinate quickly. If much earlier, the ground is too cold and wet to receive them, causing more frequent complaints. Many seed of a hardy nature, like Pansies, Sweet Peas, Candytuft, Alyssum, Dianthus, Sweet William and Hollyhock, can often be sown by the 15th of April, as they delight in a cool soil and air. Should they appear above ground and be overtaken by a slight frost, it will not injure them. In order not to mislead those unacquainted with the subject, the 10th to the 20th of May is the most successful part of the season for planting seeds of all kinds in this section in open ground. Too early it is often cold and unfavorable, too late is often too hot and dry. All seed of a fine, delicate and tender nature should be sown in shallow boxes where special care can be given in regulating heat, moisture and partial shading from too hot exposure to the sun. Careless sowing, either too deep or too shallow, unfavorable weather, and inattention after the plants are out of the ground, are causes of most general complaints. Whoever sows them is not always in fault, however. In many cases it is often placed in care of careless and inexperienced help; the seedsman is then blamed by those who do not understand the nature of the different kinds of seeds.

For nearly all kinds of flower seeds it is the safest to start in the house in shallow boxes; when of sufficient size, transplant in the open ground, if weather is favorable and all signs of frost have disappeared. A safe rule is to cover no deeper than the thickness of the seed. In sowing all fine seed, like Petunia, Begonia, Calceolaria, Coleus, Cyclamen, Carnation, Geranium and Primrose, prepare shallow boxes two inches deep, fill with fine, pulverized soil; sow the seed in rows two inches apart, which is preferred rather than broadcast; cover seed one-sixteenth of an inch with finest of soil, then moisten well and cover with paper; if you have panes of glass to cover the box, it will keep the temperature more even and gather moisture, requiring little if any water until the seeds are up. Care should be taken to leave the glass open a little for the circulation of air. As soon as the seedlings appear, remove the paper and glass, give air and all the sun they can have, causing them to grow strong and stocky; when they have shown second or third leaf, transplant into pots or cold-frame. When weather is warm, plant in the open ground. Seeds of a hardy nature, to germinate, require a temperature of 45° to 70°, those of a tender nature, not less than 60° at night, or about 80° in the sun.

☞ *As to freshness, purity and quality: all seeds offered in this catalogue will stand test beside the most reliable growers in the country.*

All who have not time to start seeds in boxes or otherwise early, can follow

General Directions for their Culture.

Hardy Annuals may be sown in the month of May or June. For garden culture, use a light, fine compost, composed of garden soil and well rotted manure in equal parts, spreading a few shovelfuls where the seed is to be sown, to strengthen and increase the growth of the young plants, sowing the seed where the plants are intended to bloom, and regulate the depth of the sowing by the size of the seeds. As soon as the young plants are an inch or two high, thin out, and keep the earth loose and free from weeds by frequent hoeing.

Hardy Bienulals and Perennials require the same treatment as Hardy Annuals. In addition to the above, they may be sown in the open border in September, and as soon as the frost appears, cover slightly with straw or dry litter, so as to protect them from the severity of the winter. As soon as the weather will permit in the spring, the covering should be removed, and the earth loosened.

Half Hardy and Tender Annuals should be sown in a light, sandy compost, in pots or shallow boxes, in March or April, placed in a warm room or in a moderate hot-bed. The finer seeds should be but slightly covered, and the soil pressed closely over them; if the house or frame is very warm they should be frequently watered. As soon as the seed leaf is fully developed, transplant into shallow boxes, two or three inches apart, and when they have acquired sufficient strength, which will be about the latter part of May, transplant into flower beds.

Seed should not be sown in the open ground in this vicinity before the middle of May. More failures are caused by too early sowing than by any other cause. As soon as the ground becomes warm, all seeds can be sown.

Annuals bloom the first year and die.

Biennials bloom the second year and die; some, when sown early, bloom the first and second year.

Perennials generally bloom the second year, growing and blooming for many years.

Climbers of Rapid Growth.

(From seed.)

Abobra,
Aristolochia,
Bryonopsis,
Canary Bird Flower,
Clianthus,
Cypress Vine,
***Everlasting Pea,**
Humulus
Ipomea,
Maurandia,
Nasturtium, tall,
Smilax,
Tropæolum.
***Adlumia,**
Balloon Vine,
***Clematis,**
Cobœa,
Cucumis,
Dolichos,
Hyacinth Bean,
Morning Glory,
Moon Flower,
Ornamental Gourd,
Sweet Pea,
Thunbergia,

Everlasting Flowers.

**Acroclinium, Ammobium,
Globe Amaranthus, Gypsophilia,
Helichrysum, Honesty,
Ornamental Grass, Rodanthe,
Xeranthemum.**

Large Plants for Groups.

**Amaranthus, Canna,
*Hollyhock, Hibiscus,
Musa, Sunflower,
Ricinus, Castor Bean.**

Seed for Ribbon Beds or Borders.

***Alyssum, Aster,
*Candytuft, Centaurea,
*Dianthus, Dwarf Ageratum,
Lobelia, Petunia,
*Pansy, Portulaca,
Phlox Drummondii.**

Seed for House or Hot-house.

(Requiring careful attention.)

**Abutilon, Begonia,
Calceolaria, *Carnation,
Chrysanthemum, *Clematis,
Cilanthus, Coleus,
Cineraria, Cyclamen,
Cobœa, Centaurea,
Erythrina, Fuchsia,
Dahlia, Echeveria,
Gladiola, Geranium,
Gloxinia, Lobelia,
Lantana, Petunia.
Oxalis, Primula,
*Pyrethrum, Salvia,
Stock, Viola.
Smilax,**

Free Flowering Annuals.

**Ageratum, *Alyssum,
Amaranthus, Aster,
Balsam, Bellis,
Calendula, Campanula,
Calliopsis, *Candytuft,
*Carnation, Celosia,
Cosmus, *Dianthus,
*Daisy, Marigold,
Petunia, Mignonette,
*Pansy, Portulaca,
Nasturtium, Poppy,
Phlox, *Pinks,
Seabrosa, Salvia,
Sweet Pea, Stocks,
Zinnia, Verbena.**

*Hardy to live in open ground over winter.

Seeds in collection from above, 60 cents' worth for 50 cents; $1.30 worth for $1; purchaser's choice.

MY TWELVE SPECIALTIES IN FLOWER SEEDS.

**Asters, Dianthus,
Hollyhock, Nasturtium,
Pansies, Poppies,
Sweet Peas, Verbenas,
Petunias, Primulas,
Phlox Drummondii, Zinnias.**

INDUCEMENTS TO CLUBS.

FOR FLOWER SEED ONLY.

For Discount on Vegetable Seed, see General List.

No Discount on oz. or lb. in Flower or Vegetable Seed.

To those who may club together and send their orders in one letter, and for the purpose of encouraging such clubs, I offer the following terms:

Persons may select flower seeds in packets at catalogue prices, as follows:

For	**$ 1**	**you may select**	**$ 1.30**
"	**2**	"	**2.65**
"	**3**	"	**4.00**
"	**4**	"	**5.50**
"	**5**	"	**7.25**
"	**10**	"	**13.50**
"	**12**	"	**18.00**
"	**15**	"	**22.50**
"	**20**	"	**30.00**

No variation will be made from above rates. Prices to dealers, whose orders exceed the above amount, will be given on application. They will be put together in separate packages and sent to one address, postage paid. I will make the same allowance to any one person ordering for himself alone.

All flower seed sent by mail on receipt of price on packet and oz. At lb. rates add 8c. per lb.
This discount not allowed on plants.

ASTERS.

Special care and attention is given to my collection of Asters as to form, habit, color, doubleness, and free blooming qualities. My collection will be found one of the best known.

Among the earliest to bloom are the Comet, Globe Flowered, Liliput, Boston Florist's; of the later ones, Truffaut's, Chrysanthemum Flowered, Triumph, Victoria.

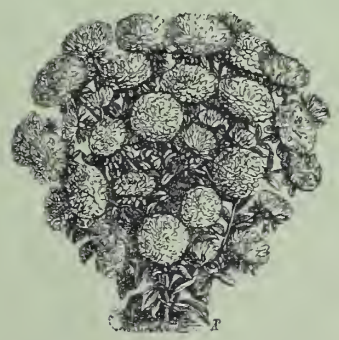
The Aster does best in deep, light, rich soil; if fine specimen flowers are wanted, for exhibition, liquid manure occasionally will give fine and marked results. Seed may be sown in the hot-bed, greenhouse or cold frame for early use, and in the open ground in favorable weather in May, to bloom in September and October. Is easily transplanted, and usually set 8 to 12 inches apart. Engravings are given of some of the most useful varieties. The Aster does best when the days are bright, followed by cool nights. Half-hardy annuals.

***Aster, Truffaut's Pæony-Flowered Perfection, Improved.** Very double, of fine form, round. About 20 shades mixed. 1-8 oz., 35c.; large pkt., 10c.; or the six colors in six separate packets for 50c., viz:

Snow White. 1-8 oz., 40c.; pkt., 10
Rose. 1-8 oz., 40c.; pkt., 10
Dark Crimson and White, Striped, 10
Violet. 1-8 oz., 40c.; pkt., 10
Glowing Dark Crimson. 1-8 oz., 40c.; pkt., 10
Light Blue. 1-8 oz., 40c.; pkt., 10

TRUFFAUT'S PÆONY-FLOWERED.

All flower seeds not grown by myself are obtained from responsible American and European growers, and thoroughly tested before sent out.



BOSTON FLORIST'S WHITE.

Rose-Flowered. A splendid variety, beautiful in form and habit; flowers of large size. 1-8 oz., 35c.; 10 colors of choicest double, mixed, 10
Rose-Flowered. Dark crimson, awarded a first-class certificate. Pkt., 10
Boston Florist's White. The flowers are of medium size, of fine form, and decidedly beautiful; grow about 15 inches high, very prolific in bloom, and of excellent habit; one of the very best for all purposes where cut flowers are wanted, and fine when bedded out. 1-8 oz., 50c.; pkt., 10
Boston Florist. Rose color. Pkt., 10

PÆONY-FLOWERED GLOBE.

Pæony-Flowered Globe. For florists and bouquet makers this is an excellent variety, on account of

its round, double, full form, medium size flowers, and extreme earliness, blooming two weeks in advance of Truffant's. About 12 varieties, mixed,
Large pkts., 10
Small pkts., mixed colors, 5

Variegated, Dark Crimson, Blue, Violet, White, Rose. Each color separate, 10
One package each of the 6 colors separate, 50
1-4 oz., mixed colors, 50

Dwarf Chrysanthemum-Flowered. About 9 inches high, large flowers; compact in habit, blooming late; very desirable. Choice mixed colors, 10

DWARF CHRYSANTHEMUM FLOWERED.

Dwarf Chrysanthemum-Flowered. Pure white, 10

Lilliput Pompon White. One of the most useful of Asters for cut flowers. Quilled, distinct and beautiful, of medium size; flowers about 12 inches high, blooms early and continues late; for florists and bouquet makers can be made of much value where white flowers are wanted; remains a long time in bloom. 1-8 oz., 25c.; pkt., 10

LILLIPUT.

Lilliput. Mixed colors, pkt., 10

Prolific. An exceedingly fine class, very free to bloom; good size; excellent habit; 12 inches high; first-class; 6 colors, mixed, 10

The above are among the best 8 varieties, one pkt. of each, mixed colors, 60

Betteredge's Quilled. An improved form of Quilled Aster. The flowers are of fine form and brilliant colors; 2 feet; finest mixed, 5

COMET.

Comet. This variety is distinct from any other class, having curled petals like a Japanese Chrysanthemum. Colors, **deep rose, blue, variegated, lilac, mixed,** 10

Comet. Rose color, 10

Comet. White, 15

Triumph. Eight inches high; dark crimson, 10

Dwarf Peony Perfection. One of the finest; free and excellent habit; perfect form, 10

Imbrique Pompon. Fine form; globe shape; mixed colors, 5

Newest Dwarf Bouquet. Good for edging or small beds; mixed colors, 5

Crown or Coeardeau. Very handsome; large flowers, the center of each flower pure white, surrounded by many brilliant colors. All colors, mixed. 1-8 oz., 40c.; pkt., 10

VICTORIA.

Victoria. One of the finest of all the class of Asters. My strain is from the finest, improved from special selections of 20 varieties. 1-8 oz., 40c.
Mixed, 10
Six separate colors, per pkt., 10
Six colors, six pkts., 50
Viz: **White, Rose, Blue, Crimson, Variegated, Violet.** 1-8 oz. of each color, 35c.

Victoria Yellow. New light yellow. 10

Diamond. Dwarf imbrique pompon improved; 12 inches high, medium size flowers of the greatest perfection, brilliant in color, recommended by the floral committee of the Royal Horticultural society; mixed colors, 10c. Separate colors of white, rose, crimson, pkt., 10

Trophy. Pompon Globe Improved. For general purposes one of the prettiest and most useful; altogether extremely showy; mixed colors, 10

Jewel or Ball. A new class, with short petals and round flowers. Pkt., 15

Princess Aster, Snowball. Introduced in 1891. One of the finest white, similar to Mignon, shorter petals; resembling White Lilliput Dahlia; continues a long time in bloom; excellent for florists and cut flowers. Pkt., 15

WASHINGTON ASTER.

Washington. The largest Aster; flowers 5 inches in diameter, and perfectly double; 6 colors mixed, 10

Goliah. From 2 to 2 1-2 feet in height, covered with flowers immense in size, measuring upwards of 5 inches in diameter, and very double; mixture of 5 colors, 5

Boltz's Miniature Bouquet Pyramidal. About 8 inches; constant in height and habit of plants; pretty, and extremely free flowering, 5

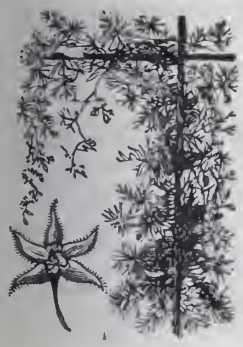
Mignon. Mixed colors, pkt., 10

Dwarf Victoria. Considered one of the finest of the dwarf varieties; 8 best varieties, mixed, 10

Twelve packets selected from 12 varieties of above Asters, mixed colors, $1

Globe Quilled, New. White with blood-red center. This is one of the finest quilled raised. Even habit of growth, and its flowers are large, of good shape, of a strikingly beautiful color. Effective for beds or groups, and valuable for cutting. Pkt., 10

Queen of Earlies. The earliest of all varieties, blooming in June; free; pure white; pkt., 10



ABOBRA.

ABOBRA.

Abobra Verdiflora. A rapid climbing gourd, producing freely scarlet fruits, forming a contrast with the dark foliage Six feet Half-hardy perennial. Per packet, 10

ABRONIA.

Pretty creeping plants, with verbena-like heads of sweet scented flowers. Half-hardy annuals.

Abronia Umbellata. Rosy-lilac; ½ foot, 5

Abronia Arenaria. Yellow; ½ foot, 10

ACROCLINIUM.

One of the best of everlasting flowers, much used for winter bouquets; the flowers should be cut before they are fully expanded. Half-hardy annual.

Mixed Colors. White and rose, 5
" Double, 10

ACONITUM.

Monkshood, Wolfsbane.

Showy, hardy perennials, growing well under trees, shrubberies, or other shaded situations.

Aconitum Napellus. Blue and white; 2 feet, 5

ADLUMIA CIRRHOSA.

ADONIS.

Embrace several border flowers. They are quite showy, remaining a long time in bloom: hardy annuals; sow seed in open ground

Adonis. Mixed colors, 5

ADLUMIA.

A beautiful climbing plant of graceful habit; hardy perennial.

Adlumia Cirrhosa. (Mountain fringe.) White; 15 feet; graceful foliage, pink flowers, 10

AGERATUM.

Valuable plants, blooming throughout the summer, and if lifted and potted in the fall and placed in the parlor or greenhouse, will keep up a succession of beautiful flowers all winter; useful for bouquets, lasting a long time. Seed can be sown early in boxes or in open ground in May; half-hardy annual.

Ageratum. Pure white or blue, 5
Dwarf Tom Thumb. Blue or white, 5
" " " Mixed, 5
Lasseauxii. Fine rose color, valuable for cutting, 10

AGROSTEMMA.

Free bloomers, grown in masses, and valuable for cut flowers. Sow in beds where they are to bloom, thinning out the plants to 6 inches; flowers resemble single pinks, grow 12 inches high. Colors are scarlet, rose, crimson.

Agrostemma. Mixed colors, 5

ALONSOA.

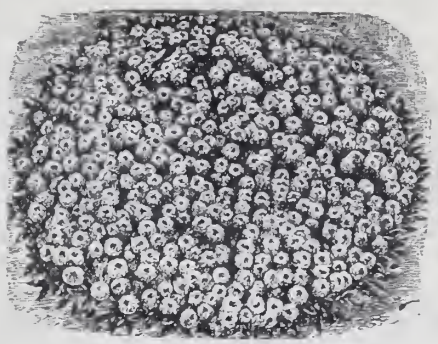
Free-flowering bedding plants, continuing in bloom until killed by frost; also good house plants; half-hardy annuals.

Choice Mixed Varieties, 5
Grandiflora Scarlet, 5

ALYSSUM.

Good plants for edging or rock work, blooming all summer, and are much used for bouquets on account of their delicate appearance and fragrance; good for vases, ribbon lines or edgings of beds.

Alyssum, Sweet. White, very sweet; hardy annual. Per ounce, 30c; ¼ ounce, 10c; per packet, 5



ALYSSUM COMPACTUM.

Alyssum, Sweet Compactum. (See cut.) Compact dwarf, very pretty; hardy annual, good for baskets, ribbon lines, edgings. Flower equally as large and useful as the common variety. ¼ ounce, 25c; per packet, 5

Saxatile. Yellow; hardy perennial, 5

AMARANTHUS.

AMARANTHUS, JOSEPH'S COAT.

AMARANTHUS CAUDATUS.

Ornamental and admired class of plants, largely grown for the attractive foliage in autumn; valuable for grouping; half-hardy annual.

Amaranthus Candatus. (Love lies bleeding.) Red; graceful. 5
Bicolor Ruber, 5
Hypocondriachus. (Prince's Feather.) Crimson, 5
Tricolor Gigantens. (Joseph's Coat.) Leaves red, yellow and green; very handsome, 5

AMMOBIUM.

A useful everlasting for making dried winter bouquets; forming a showy plant for the garden; hardy annual.

Ammobium Alatum. Grandiflora, large, white, 5

ANAGALIS.

Dwarf, compact plants, adapted for ornamental baskets, rock work, edgings, and small beds; succeed best in light, rich soil in a sunny situation; covered with flowers the whole summer. Half-hardy annual.

Grandiflora. Finest mixed, red, blue, crimson, 5

ANTIRRHINUM.

Snapdragon.

Useful summer and autumn flowering, half-hardy perennials; markings like the carnation in the variety of its spots and stripes.

Antirrhinum Majus. Striped varieties, mixed; 12 inches high. 5
Tom Thumb. Best and brightest colors, mixed; 6 inches high, 5

ARISTOLOCHIA.

A hardy, ornamental, climbing plant, with curiously shaped flowers; hardy perennial.

Aristolochia Sophia. (Dutchman's Pipe.) 20 feet, 10

ASPERULA.

A profuse-blooming, hardy annual, attaining an average growth of one foot; flowers are light blue, sweet scented and last a long time.

Asperula Azurea Setosa. Blue, 5

ASPERULA.

AQUILEGIA.

Columbine.

An extremely showy, early summer blooming plant; in form and color strikingly beautiful; hardy perennial.

Aquilegia Alba Flora Pleno. Pure white; double, 5
Mixed Double. All colors, yellow, red, variegated, etc.; 10 sorts, 5

BARTONIA.

Plants of a succulent character, with large, golden flowers, expanding only in the middle of the day. When in perfection, this is a fine plant, and although its habits and foliage are less attractive than some other annuals, in size and brilliancy of blossoms it is inferior to none. Hardy annual.

Bartonia Aurea. Golden yellow; 1 foot, 5

BALSAM.

Like the aster, one of the most useful of annuals. A favorite and a continual bloomer. The flowers are often used in arranging floral designs, baskets of flowers, etc. Being yearly improved, particularly in the camellia and rose-flowered sections, one would scarcely imagine the difference from the old flower.

BALSAM (IMPROVED CAMELLIA FLOWERED).

Double Rose-flowered. One of the most useful. 10
Improved Camellia-Flowered. Improved double flower; for exhibition purposes. 10
Crimson, Camellia-flowered, 10
Scarlet, " 10
" **Spotted, Camellia-flowered,** 10
Rose, Violet, Striped, 10
White, Camellia-flowered, 10

Collection of 7 distinct varieties as above, 50

Camellia-Flowered, Double White Perfection. An improved variety. Double; perfect in form; pure white; desirable for florists, 20
Camellia-flowered, Spotted. (German.) The choicest; all spotted with white, mixed colors, 10
Carnation. Fine double flowers, striped like a carnation. 10
Solferino. White ground, with narrow stripes, and fine spots of red, 10
Atrosanguinea Plenissima. Deep blood red. 10
Common Double. Often but semi-double, 5

BEGONIA.

Used for planting in the garden for summer decorations, as pot plants for the house or conservatory, or forcing for cut flowers. The flowers are drooping, and of various colors. Largely used in cut flowers and baskets. Treat the bulbs of the tuberous rooted varieties the same as Gloxinias.

TUBEROUS-ROOTED BEGONIA.

Begonia, Tuberous-Rooted. Fine summer bloomers; very showy; free-blooming bedding or pot plants for the summer; ranging in all shades of white, yellow, rose, variegated, scarlet; brilliant and attractive. Flowers from 2 to 5 inches across; plants grow 1 foot high. Sow seed any time from February to August, giving the same treatment as Gloxinias. Being bulbous roots and summer flowering, remain dormant in a warm, dry place in winter, from 45 to 60 degrees. They are largely used for bedding out in summer in Europe, and I have seen very beautiful and attractive beds in Washington and Philadelphia; they are becoming popular for bedding in many other places. They deserve extensive cultivation. The seed offered is saved from the finest European hybrids; seed, pkt., 15
Bulbs, single flowering, 15
" double " 35

Begonia Hybrida. The seed has been saved by one of the most extensive growers of winter flowering varieties, from the choicest collection, 25

Begonia Rex. Seed saved from one of the most extensive European collections of only the finest varieties; per 100 seed, 25

CARDIOSPERMUM HALICACABUM.

BALLOON VINE.

Cardiospermum.

Ornamental climbing plant, useful for out-of-door decorations.

Cardiospermum Halicacabum. White; five feet; half-hardy annual, 5

BEANS, Flowering.

Rapid climbers, flowering freely; adapted to covering screens; 8 to 15 feet.

Beans, Scarlet Runners. Scarlet flowers, 5
" **White Runners.** White flowers, 5
" **Painted Lady.** Rose and white flowers, 5

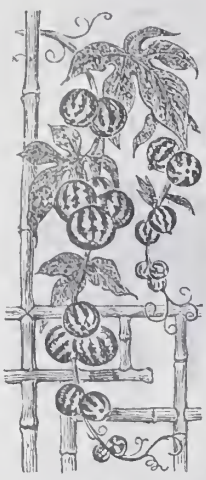
BELLIS. Double Daisy.

A hardy perennial. Seed can be sown in February, March or April; set plants six inches apart. They will nearly cover the ground and bloom the whole summer When sown in summer and wintered in open ground with light covering, they commence to bloom in April and continue until November. They are easily forced for cut flowers in a cool or warm house. Make fine border plants.

Bellis, Finest Mixed. From choice varieties. Saved from the most double flowers, and only a small per cent will come single, 10
Bellis, Double White, 15
" **Longfellow.** Double rose color on long stems, which render it excellent for bouquets; large size, and quite true and double from seed. For borders edging in the garden, or florists' use, 15

BELLIS (DOUBLE DAISY).

New Quilled. Mixed colors; round needle shape, 25
Snowball. New white, very large and double flowers on long stems. Package, 20



BRYONOPSIS

BRACHYCOME.

BRACHYCOME.

Dwarf-growing plants, covered all summer with a profusion of cineraria-like blooms. Half-hardy annual.

Brachycome Iberdifolia. (Swan River Daisy.) Mixed, blue and white; 8 inches high, 5

BYRONOPSIS.

A climbing annual of great beauty, bearing yellow flowers, followed by green fruits which change in color as the season advances to bright scarlet striped with white. Annual. 10 feet.

Byronopsis Laciniosa Erythrocarpa. 5

BROWALLIA.

Handsome, profuse blooming plants, covered with blue or white flowers; grows freely in rich soil. Desirable grown in beds or in the house for winter; 1½ feet. Annual.

Mixed. Finest mixed, 5

CALCEOLARIA.

Plants form in spring pocket-like flowers. Sow seed in August or September, or during the winter, will bloom the following spring and summer. Fine for conservatory in spring.

Calceolaria Hybrida Grandiflora. Saved from self-colored and spotted flowers of all colors and shades of brilliant markings, including dwarf and tall mixed, of the largest flowering varieties; 1 foot, 20
Shrubby. Used for bedding or pot plants; crimson, yellow and orange; finest mixed, 25

CACALIA. Tassel Flower.

Free-growing, profuse-flowering, hardy annuals, with clusters of tassel-shaped flowers; 2 feet; scarlet and yellow, mixed, 5

CALANDRINIA.

Beautiful creeping plants, adapted for planting in any hot situation, where they will produce their rose colored flowers in profusion. Hardy annuals; 1 foot.

Grandiflora. Rose color. 5
Umbellata. Crimson violet; beautiful, 5
Mixed Varieties, 5

CALANDULA.

A very showy, free-flowering plant belonging to the marigold family; produces a very pretty effect in mixed borders, and grows freely in almost any soil; hardy annuals.

Easily transplanted.

CALANDULA PLANT.

Calaudula Officinalis. (Garden Marigold.) Deep orange; 1 foot, 5
La Proust. Nankeen, edged with brown; 1 foot, 5
Meteor. Light golden yellow, striped with orange; blooms from May until late in autumn when sown early and transplanted, 5
Prince of Orange. Similar to but darker than Meteor, 5
Queen of Trianon. Double canary yellow maroon flower; very free. 5
Pure Gold. Pure yellow; double; profuse, 5

CALANDULA METEOR.

CALLIRRHOE.

Free-flowering plants; excellent for beds or masses; hardy annuals.

Callirrhoe Pendata. Purple crimson, with white eye; 2 feet, 5
Involucrata. Beautiful hardy perennial; 1 ft. Native of Western prairies; large, purplish crimson, 5

CANARY BIRD FLOWER.

CANDYTUFT.

CANDYTUFT.

This is one of the oldest and best known hardy annuals. It can be sown in the fall or spring with equally good results, where the plants are to bloom. It is a

plant that will easily take care of itself, but is much improved by good care and high culture.

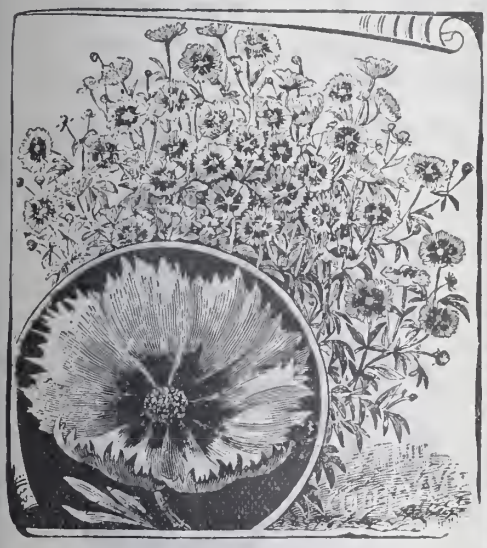
White. Oz. 25c.; ¼ oz. 10c. 5
White Rocket, 5
White. Sweet scented, 5
Carmine, 5
Purple, 5
Dark Crimson Purple Dunnets, 5
Rose, 5
Mixed Colors. Oz. 20c. 5
Empress. Large trusses of pure white flowers, very handsome, 10

CANARY BIRD FLOWER

Tropæolum Perigrinum.

An exceedingly ornamental climber, with bright fringed yellow flowers, and neat, finely divided foliage; half-hardy annual of rapid growth, and flowers freely.

Canary Bird Flower. Yellow; 10 feet, 10



CALLIOPSIS CORONATA.

Calliopsis or Coreopsis.

The tall varieties are very effective in mixed borders, while the dwarf, from a compact habit, are well adapted for beds; hardy annuals. Blooms from June to October.

Golden Wave. Bushy, compact, yellow flowers, 2 inches across. Very free, 10
Calliopsis Bicolor Tinctoria. Yellow and brown; 3 feet. 5
Coronata. Rich yellow disc, encircled with crimson spots; large flower; 1½ feet high, 5
Finest Mixed Varieties. 12 varieties, 5
Double Calliopsis. Yellow, maroon spots, 10
Tom Thumb. Dwarf. 1 foot high; 10 sorts, mixed, 10

CASTOR OIL BEAN.

See Ricinus.

CARNATION.

See Dianthus.

CATCHFLY.

A hardy annual, about 1 foot high; produces brilliant flowers in great profusion in early summer.

Mixed, 5

CANNA. Indian Shot.

Stately plants, remarkable for their large and handsome foliage; invaluable for groups in the flower garden, producing a tropical appearance. Sow seed in early spring and they will make strong plants the second year. Half-hardy perennial.

Canna, Finest Mixed, 5
Dark Leaved Varieties, 5
Crozy's New Hybrids. Are remarkable for foliage and beauty and large flower; are dwarf in habit, and early blooming, 2 feet high; sow seed in February or March; will bloom in July and make excellent groups on the lawn, 15

CROZY CANNA.

CAMPANULA.

Bell Flower.

Attractive and beautiful plants for borders or groups, producing large bell and saucer-shaped flowers in profusion; one of the largest and most useful hardy plants. Sow seed in open ground from April to September, and will bloom most of the summer the following year; flowers are graceful and well adapted for vases; in delicate shades.

Hardy Perennial Varieties.

Campannla Compacta. Grows 9 inches high; blue and white flowers, 5
Campannla Pyramidalis. The Pyramid Bell Flower. Blue and white mixed; a splendid variety. 5
Campannla Persicifolia Alba. Flowers white, bell-shaped, on long, close spikes, 2 feet high; exceedingly free flowering; fine for cut flowers, one of the very best of its class. Commences to bloom in June, continuing till October, 10

CAMPANULA.

"Cup and Saucer" Campanula.

CAMPANULA CALYCANTHEMA.

The flowers are large, of beautiful colors, resembling in shape a cup and saucer. 1½ feet; hardy biennal.

Campannla Calycanthema. Blue, white, lilac, etc.; mixed, 5
Campannla Rosea. Beautiful rose color, 5

CANTERBURY BELLS.

Campanula Media.

Produces large, nodding and charming flowers of many shades; 2½ feet; hardy biennial.

Canterbury Bells Single, Mixed. Rose, blue, white and lilac, 5
Canterbury Bells, Double, Mixed. Rose, blue, white and lilac, 5

Annual Varieties.

Campanula Speculum, Mixed. "Venus' Looking Glass." Blue and white; ½ foot, 5
Campanula, Double. Double blue flowers; ½ foot, 10

CANTERBURY BELLS.

CELOSIA. Coxcomb.

GLASCO PRIZE.

Showy plants producing in profusion spikes of feathery looking flowers in summer and autumn. Sow seed early and transplant in the open ground in May. Half hardy annuals.

Japonica. The branches are scarlet crimson; often in pyramidal masses, while the colors are very bright, 10

Christata Nana. The finest dwarf varieties mixed, carmine, yellow, crimson and variegated; 1 foot, 5
Glasco Prize. Improved dwarf, with dark leaves and crimson combs; quite distinct, and among the finest.
Pyramidalis Plumosa. Pyramid form, representing plumes; 3 feet high; finest mixed colors, 5

COBÆA.

A beautiful, rapid growing, climbing plant, with large handsome, bell-shaped flowers. Sow early in March or April, and plant out about June first. In sowing, plant the seed edgewise and cover lightly; half-hardy perennial.

COBÆA.

Cobæa Scandens. Purple; twenty feet, 10

CENTRANTHUS.

Free-flowering plants, borne in clusters; used for borders, masses, bouquets, or other floral designs. Seeds can be sown in open ground in May; hardy annual.

Mixed Colors. Red and white, 5

CENTAUREA.

These are extensively used for ribbon-beds or borders; arranged with Cannas Coleus and other dark leaved plants, are among the finest for that purpose; sometimes known as "Dusty Miller," and largely used for vases and baskets Sow seed in the house from December to March.

Centaurea Americana. A strong growing annual variety, 15
Candidissima. Splendid silvery-leaved plant; six inches high with broad leaves, 15
Clementii. A robust and free-growing variety, producing crowns of silvery leaves, deeply fringed and cut; 6 inches, 15
Gymnocarpa. A graceful, silver-foliaged variety, one foot; most used for ribbon lines, 10
Cyanus. Known as "Bachelor's Button." Mixed colors; much used for cut flowers, 5

CLARKIA.

CLARKIA.

Often used for massing in the same manner as Phlox Drummondii, with good effect. Seed sown in September bloom in May or June. Improved varieties have been introduced of late, both single and double size and form of flower. When planted in cool, partly shaded places, are highly recommended. When sown in April, they will bloom most of the summer; transplant or thin out to one foot apart.

Finest Double Varieties Mixed. Comprising white, pink, purple, red, 5
Best Single Mixed, 5
Mrs. Langtry. Snow white with crimson center; plant dwarf and compact; blooms very freely, 5

CLEMATIS.

A hardy climbing vine, much used for covering arbors, verandas, fences or rocks, adapted to all soils. Sow the seed in the fall or winter in shallow boxes; they will often lie dormant and germinate in the spring; transplant in the open ground when two inches high; are hardy, but a little protection in winter will benefit them.

Paniculata. One of the finest hardy varieties, robust, climbing 12 feet in one season, covered from the ground with pure white fragrant flowers produced so freely as to cover the foliage; followed in September with red seed pods Per packe , 25
Flammula. White, very fragrant; 15 feet, 10
Jackman's Hybrids. Seeds saved from Jackman's celebrated collection; mixed varieties of purple, lavender and white Sow seed any time from September to May in boxes, 25
Virginiana. The well-known Virgin's Bower; greenish white; 15 feet, 10
Viticella. A strong, hardy grower, with blue bell-shaped flowers in profusion, 10

CLIANTHUS DAMPIERI.

Glory Pea.

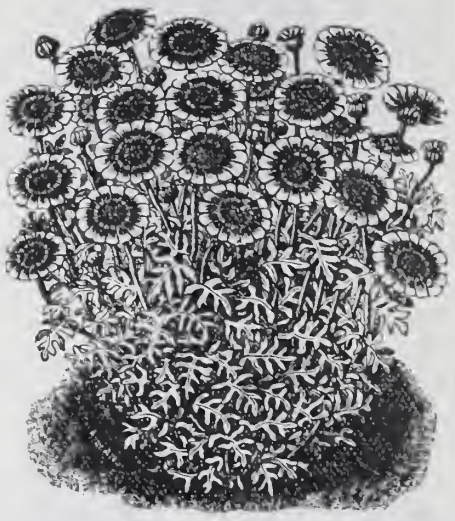
A shrubby climber, with neat foliage and drooping clusters of large, rich scarlet, pea-shaped flowers, four inches in length It requires a dry, warm soil, and should be water d but sparingly Remove to the house when cold weather comes. Annual, 25

CHRYSANTHEMUM.

Japanese and Chinese.

The demand has recently largely increased for the large flowering Japanese and Chinese varieties, they are of such easy culture and produce such brilliant colors and quantity of blooms at a time when other flowers in autumn are not plenty Seed can be sown from September to June in boxes, and transplanted to the open ground in May. Seed saved from many new and choice varieties of Japanese; if sown in February or March, will bloom the first year. Per packet, 25

Indicum. Large flowering; seed saved from large collections of the best named double varieties; in fine mixtures of Chinese and Japanese, or Chinese and Japanese separately, 20
Nanum. Double dwarf pompon; seed saved from the best and most double varieties, in finest mixtures; half hardy perennial. 20



SINGLE ANNUAL CHRYSANTHEMUM.

Single Annual Varieties. These are exceedingly beautiful, blooming freely from June to October from seed sown from March to June. They are attractive, showy colors of crimson, yellow, white, maroon, and make a brilliant display, growing 12 to 18 inches high. Hardy annuals of easy culture and profuse bloom.

Annual Varieties.

Chrysanthemum. Tricolor Album. White, crimson center, 5
Eclipse. Yellow, scarlet ring with rich dark brown center, 5
Golden Feather. White, with crimson ring, a circle of yellow, and maroon eye, 10
Gladstone. Clear, rich crimson flower, 5
Segatum Grandiflorum. Very large yellow flower, 10
Beaconsfield. Maroon edge, striped yellow, with golden ring and brown eye, 5
The Sultana. Crimson, with a wide yellow ring in center. 5
Finest Single Mixed of the above, 5
Chrysanthemum, or Paris Daisy. Known as French Marguerites They make good pot plants for winter or summer, flowering in the garden, 18 inches high; blooms single.
White. Per packet, 10
Yellow. Per packet, 20
Double Annual Varieties.
Double yellow, 5
Double scarlet, 5
Double white, 5
Double mixed, 5
Inodorum Plenissimum. Small, double white; flowering in profusion during the summer; good for vases or cutting, 10

New Double Hybrids.

(*Chrysanthemum carinatum, fl., pl.*)

These new varieties are extremely variable, some pure white, yellow or crimson, the prevailing colors are bronzy yellow, the florets tinged with red or lilac-rose, imbricated florets penciled, others crimson centers with yellow guard petals. Although mostly double, there will be an occasional semi-double or single. Finest mixed colors. Per packet, 25

COLEUS.

The colens for ornamental purposes is well known, for bedding or other decorations where colored-leaved plants are desired. They are grown so easily and make such fine specimens in so short a time that their merit can scarcely be overestimated. Sow seed in a warm room of 70°. from January to April; tender annual.

New Hybrids. These seeds may be expected to produce very beautiful and distinct sorts, 35
Good Sorts Mixed, 20
Verschaffeltii. The best dark-leaved variety, 10

CONVOLVULUS.

The climbing varieties, C. Major or Morning Glory, produce a fine effect when grown on rockwork, stumps of trees, or banks, and when trained over trellises, rustic work or rough fences. The beauty and delicacy of their color are unsurpassed. C. Minor and its varieties are admirably adapted for beds and mixed borders; half-hardy annual.

Major. Morning Glory. Fine mixed varieties, 12 sorts mixed; per ounce, 20c 5
White. Striped violet, 5
White, Rose, Red, Violet, 5
C. Mauritanicus. Blue flowers, beautiful for hanging baskets, 10
Minor Tricolor. Dwarf; violet, purple and white; 1 foot; per ounce, 25c. 5

CINERARIA HYBRIDA.

CINERARIA HYBRIDA.

For winter and spring blooming, for the house or conservatory, few can equal them in brilliant display. Their brightness and beautiful colors and freeness to bloom render them among our best winter and spring blooming plants. Their colors range from pure white, brilliant velvety crimson, purple, blue, rose and carmine plain and with large white centers.

Cineraria Hybrida Grandiflora. Large flowered, prize varieties, in finest mixtures. This strain is unsurpassed, 25
Choice Mixed. 20
Dwarf, Mixed. Large flowering, 25

White Foliage Varieties.

Maritima. An ornamental foliage plant, often called "Dusty Miller," 10
Acanthifolia. Downy white leaves, spreading habit, good for borders, vases and baskets, 10

CUPHEA.

This forms a pyramidal-shaped plant growing about 1 foot high, and studded during the winter months with countless red blossoms.

Cuphea Platycentra, 10

COSMUS.

Covered in the autumn with large flowers resembling single Dahlias. A group in bloom is an attractive sight. Colors range through the shades of rose, purple, flesh and white, growing 4 feet high.

Large Flowering Mixed, 10
Bibinata Alba. Large flowering, white, 10

DELPHINIUM.

See Larkspur.

CARNATION, or Dianthus Caryophyllis.

Tbis class represents tbe Flakes, Bizarres, Fancy and self-colored, Picotee and Perpetual Flowering.

Few equal them in form, color, exquisite fragrance, and freeness of bloom. The seed has been saved from tbe most superior collection; only the best results should be obtained. Seed can be sown in the open ground or under glass in the spring The plants will flower tbe second year, and those which prove single or inferior can be pulled out. Young plants, being hardy, will live through the winter. During the second or third year, it is best to sow seed or increase by layers, in order to keep a succession of flowers. Give tbem a good, rich soil.

NEW CARNATION, MARGUERITE.

Marguerite. New; one of the finest and most valuable introductions among Carnations for some years. Seed sown in February or March will commence to bloom in June, and continue till late frosts; or sown in open ground in April or May, will bloom in July, continuing until cold weather. The seedlings will produce three-fourths or more of fine double flowers, in a great variety of colors, tbat are sweet-scented. To the florist, amateur, or any lover of this beautiful flower now so extensively in demand, you cannot afford to be without it. Is perfectly hardy in open ground in winter, blooming the second year. Upon two seasons' trial, it justifies all expectations. Packet 10c; 3 packages, 25c; 8 packets, 75

Carnation. From double, open-ground seed, mixed colors. 10

Perpetual Flowering or Tree. The seed saved from the celebrated collection of Alegatierre. Extra fine mixed colors saved from pot grown plants, 25

Picotee. Having white or yellow ground, spotted as the edges with scarlet, red, purple or other colors; seed saved from 25 named varieties; mixed, 25

Bizarre, Flakes or Selfs. Bizarres are variegated in irregular spots and stripes, not less than three colors Flakes are striped, two colors only Seed saved from pot grown plants in great variety, mixed, 35

New Guilland Pinks. This new class contains carnation resemblance and possess the profuse and early flowering qualities of the annual Dianthus, blooming profusely in summer and autumn from spring sown seed; flowers large and fragrant, some flowers clear yellow, others yellow striped; the only strain of pinks blooming the first season containing yellow flowers; about fifty per cent come double. Finest mixtures Per packet, 25

Choice Mixed German. Perpetual, first quality, saved from open ground plants. 15

Scoticus. Double Florist or Scotch, saved from the best varieties of show selected; choice, double, 25

Double White, 20

Grenadin. Highly valuable to florists and bouquet makers; blooming three weeks earlier than other varieties in a profusion of double crimson flowers, 15

Grenadin White. New, 25

One packet of each 8 kinds in 8 separate packets, $1.25

One large packet of the above varieties all mixed in one, $1.00

Germania. The finest of all yellow self-colored, very choice and rare, shy to seed. Per packet, 50

Riviera Market. A superior strain of perpetual carnations, seed producing almost exclusively splendid double flowers, many with yellow grounds. Packet, 50

Comtesse de Paris. A fine new strain of self yellow Per packet, 50

Pinks, also See Dianthus.

DAISY. Double.

(See Bellis Perennis.)

Daisy, or Chrysanthemum Maximum. A hardy perennial forming bushy plants; two feet high, covered with large white flowers, three inches across; last well for cutting. Per packet, 20

DATURA.

Trumpet Flower.

Ornamental plants, which possess attractions. In large clumps or borders of shrubbery producing excellent effect; grow about two feet high. The roots may be preserved in sand during the winter in a dry cellar. Half-hardy perennials.

Mixed, 5

Double Golden. Fragrant double yellow flowers, 10

CYCLAMEN.

Bulbous plants, and one of the most beautiful and highly valued for greenhouse and dwelling, blooming from January to May in profusion; flowers much used in bouquets, wreaths and baskets. Sow seed in July or August, or in the greenhouse from February to April in a warm place; blooms the following year; tender greenhouse bulbs. (See cut.) My strain is equal to the finest European varieties.

Emperor William. Very dark crimson, 25

Persicum. Finest mixed, 20

Roseum. Fine rose, 20

Giganteum. Mixed; of unsurpassed quality; very large flowers of various colors; very choice strain, 35

Giganteum Sanguineum. The darkest flowering crimson variety, very choice and fine flowers; packet of 25 seeds, 50

Giganteum Williams. Superb collection, 50

" **Album.** White, 50

" **Roseum.** Rose color, 50

CYPRESS VINE,

Ipomœa Quamoclit.

Most beautiful and popular climbing plants, with very delicate, fern-like foliage. Unsurpassed by all easily grown annuals, for its attractive appearance and graceful form.

Scarlet. Very brilliant; 10 feet; tender annuals, 5

White. A beautiful contrast; 10 feet, 5

Mixed colors. Oz., 30; 5

DIGITALIS.

Foxglove.

Ornamental plants of stately growth and varied colors; hardy perennials.

Fine Mixed Varieties, 5

CYPRESS VINE.

DAHLIA.

DAHLIA.

A splendid autumn flowering plant. Our seed has been saved from the finest named sorts. Half hardy perennials.

Extra Fine. Double dwarf from prize flowers, 15

Single. Finest single mixed, from a choice collection of named sorts. These flower in profusion, in large variety of colors: splendid for cut flowers. Sow seed in the spring and will bloom from August to October. Per packet, 10

Single Dwarf. Very handsome; new sorts in variety of colors. Per packet, 15

DOLICHOS.

Hyacinth Bean.

Beautiful climbing plants of free growth, flowering in clusters; tender annuals.

Lablab. Purple; beautiful in fall, 5

Alba. White, 5

Mixed, 5

EUPHORBIA.

FORGET-ME-NOT.

ESCHSCHOLTZIA.

California Poppies.

ESCHSCHOLTZIA.

Very profuse-flowering plants of extremely rich colors; annuals. 1 foot high.

Fine Mixed. All colors; single, 5

Orange White; double mixed, 10

DIANTHUS.

DIANTHUS.

Under this head are represented the whole class of Dianthus, Carnations, and Sweet Williams. They are among the most brilliant of summer flowering, hardy biennials, growing about 12 or 15 inches high, while some of the dwarf kinds make low, compact plants. Their rich colors and variety of markings are represented in but few other flowers. When sown early, will bloom the first year, but more freely the second year. Seed may be sown early under glass and transplanted, or sown where they are to bloom. The ease of culture wins them a place in any flower garden, are perfectly hardy, blooming but two summers, from July to October.

In making up your collection of seeds, do not omit the Dianthus.

Dianthus Chinensis. Double Chinese. Pink, various shades and colors, with brilliant markings; excellent strain; double varieties mixed. 14 oz., 15c.; per packet. 5

Imperialis. (Double Imperial Pink.) Mixed. 5

Imperialis Rubrum Striatus. Double white, striped with red. 5

Imperialis Flore Alba Pl. Double white, 5

" " **Pleno Atrosanguineus.** Blood red. 5

Heddewigii. Large single flower, 3 inches in diameter; beautiful rich colors, often finely marked, choicest mixed, per ounce, 50c. 5

Heddewigii Fl. Pl. Usually quite double. 5

Plumarius. (Pheasant's Eye, pink.) Single, fringed, 5

" Double and semi-double, 15

" Flumbriata; double white; valuable for cut flowers; hardy, 20

" Very double, pink, 15

Laciniatus. Flowers very large, sometimes 3 inches in diameter; petals finely fringed and beautifully colored, 5

Laciniatus Fl. Pl. Large double flowers, deeply serrated. 10

Heddewigii Diadematus Fl. Pl. (Diadem Pink.) Brilliant markings and dazzling colors, 10

Moschatus. (Double Garden Moss or June Pink.) From choice double varieties, 10

Hybridus Fl. Pl. Large flowering, double; in splendid mixtures. 5

Mourning Cloak. Dark maroon; edged white, 10

Snowball. Dwarf, compact growth, snow white flowers; fine for edgings; very double and useful for cutting, 10

GROUP OF DIANTHUS.

SWEET WILLIAM.

Dianthus Barbatus.

SWEET WILLIAM.

A well known class of plants, of extreme richness of color; the varieties have been greatly improved of late years; hardy perennials.

Fine Mixed. All colors. 5

Double Flowering. Finest mixed, from a splendid collection of double flowers, 10

Double White 10

Single White, 10

Hunt's Perfection. Distinct eyes and beautiful margin; splendid strain, 10

EUPHORBIA.

Euphorbia Variegata. A very showy hardy annual, with beautiful white and green bracts, 5

FORGET-ME-NOT.

(See Myosotis.)

ERYTHRINA,

Or Coral Tree.

Half-hardy shrub. The gorgeous spikes of scarlet flowers from one to two feet long, with which it covers itself, bearing a resemblance to coral. Although a tropical plant, it grows freely out of doors if placed in a warm location. Cut to the ground before frost, and protect in a cool, dry cellar during the winter. Per packet, 25

French Honeysuckle.

(See Aquilegia.)

GAILLARDIA.

A class of flowers remarkable for the profusion and brilliancy of their flowers, very effective and showy; half-hardy annuals, fine mixed, 5

Picta Lorenzrana. New double. Useful on account of its long duration of bloom for cut flowers; yellow, amaranth and claret; mixed, 10

GILIA.

Very pretty dwarf plants; will bloom in almost any situation; hardy annuals.

All Colors Mixed, 5

GERANIUM, Pelargonium.

Except Verbena, the Geranium is now cultivated more than any other plant. Its freeness from insects and disease, easy culture, bright and varied colors, free blooming qualities, render it one of the most popular plants for house, bedding, or garden culture. The seed offered below has been saved from the choicest foreign and American collections, comprising all shades and colors.

Zonale. Good mixed, 10

" **Double.** Selected from the most superior varieties, giving wide range of colors, artifically fertilized by one of the most skillful growers in the world, and is believed to produce a large percentage of double flowers, 40

Fancy Pelargonium French Blotched or Odier. Sometimes known as Lady Washington. Seed saved from the very choicest first-class flowers, Selected, 30

New Golden Bronze. Saved from the celebrated strains; has gained many first class prizes, 25

Golden Tricolor. Hybridized with great care, and saved from the best varieties only, 25

Ivy Leaved. From best varieties, 25

One packet each of above 6 varieties, $1.20 by mail, prepaid. Retail price, $1.55. No other discount.

GLADIOLUS.

The seed offered has been carefully saved from the finest named hybrids. Half-hardy bulbs. See special list of summer bulbs.

Gladiolus. From the finest named varieties, French hybrids; mixed, 15

Small Bulbs. Saved from the finest named varieties. Most of them will produce flowering bulbs for next season. Twenty small bulbs from good mixtures. 10

Small Bulbs. In separate colors of scarlet, white, rose variegated; 15 bulbs, 10

or 1 packet each, 4 sorts, 30

GLADIOLA LEMOINEI HYBRIDA.

Gladiolus Lemoinei. This new strain is distinct, having flowers almost round, of very striking colors and marking; being hardy, will be largely grown. The variety of flowers is wonderful; are easily obtained from seed, and when sown early bloom the first year. Per packet, 15

Nanceidnus. New varieties. Beautiful. Pkt., 25

GRASSES, Ornamental.

Many of the varieties are very curious and beautiful, and when dried and tastefully arranged in connection with the Everlasting Flowers make exceedingly attractive winter bouquets. They are mostly annuals, and those which are not—with the exception of Pampas Grass—flower the first year. The plants should be transplanted or thinned out sufficiently to afford space for the growth of each, as soon as they can be handled This will allow them to develop their true character.

Agrostis Nebulosa. Graceful and beautiful. One of the best ornamental grasses, 5

Avena Sterilis. (Animated Oats.) 2 1-2 feet, 5

BRIZA MAXIMA.

Briza Maxima. (Large Quaking Grass.) Very elegant; one of the best; 1 foot, 5

Briza Gracilis. (Slender Quaking Grass.) 1 foot, 5

Brizopyrum Sieulum. Very dwarf, with shining leaves; very pretty; 6 inches, 5

Bromus Brizæformis. A fine grass, resembling Briza Maxima: 9 inches. 5

Chloris Barbata. Pretty and curious; 1 foot, 5

Chrysurus Cynosuroides. Very dwarf, with yellowish feathery spikes; useful for small bouquets, 5

Colx Lachryma. (Job's Tears.) 2 feet, 5

Eragrotis Elegans. (Love Grass.) Elegant and pretty; 2 feet, 5

Festuca Glauca. Very dwarf and pretty; useful for border and marginal lines, 5

Gyncreum Argentlum. (Pampas Grass.) The finest ornamental grass in cultivation; 10 feet. 10

Lagurus Ovatus. (Hare Tail Grass.) Small white plumes; hardy annuals. 5

Penisetum Longistytum. Very graceful; 1½ feet, 5

Stipa Pennata. (Feather Grass.) Exceedingly graceful and beautiful; perennial; 2 feet, 10

Hare Tail Grass, 5

Gymuothis, 10

Japanese Maize, 5

GLOBE AMARANTHUS.

Gomphrena.

GLOBE AMARANTHUS.

Remarkably handsome everlastings. The flowers may be cut in summer, and preserved for winter bouquets; half-hardy annuals.

Globe Amaranthus. White; two feet, 5

Purple. Two feet, 5

Golden. Two feet, 5

Mixed. All colors, 5

GLOXINIA.

GLOXINIA.

Summer blooming bulbs for the house or conservatory, representing a great variety of colors, velvety purple, crimson, carmine, rose, blue, white. Sow seed in February, March and April, as directed for tender seed; it can also be sown in August and September. Keep bulbs dry during the winter.

Gloxinia. French Hybrids; seeds saved from finest named varieties of recent introduction. (See cut.) Extra fine mixtures. 25

Hybridia Grandiflora. Noted for its large, succulent leaves almost covering the entire pot, and numerous flowers in the form of a bouquet. For variety and brilliancy of color it is unsurpassed. 30

New French Spotted. Seed saved from the finest and most beautiful varieties of French spotted and tigered. 35

New French White. Pure white hybrid, 35

New Scarlet Defiance. Crimson; frilled edge, 35

Emperor Frederick. Deep scarlet, white border. New. 35

Corona. Large flowers; violet red, edged white, with blue dots; beautiful, 50

1 *Packet each above* 5 *sorts*, $1.40.

GNAPHALIUM.

Gnaphalium Leontopodium. The "Edelweiss" of Switzerland, there used to adorn wedding gowns; the flowers are star-like, white, covered with a silky, silver white down; 6 inches. 20

Orientale fl. pl. The true French Immortelle, 15

GOURD, ORNAMENTAL.

Mock Orange.

ORNAMENTAL GOURD.

Of rapid growth, with luxuriant and ornamental foliage and bearing fruit of the most varied forms. Very desirable for trellis work and festooning; a tender annual.

Ornamental. Fine mixed varieties, from a large collection of the ornamental varieties. 5

Chinese Sponge or Dish Rag Gourd. Flowers yellow, fruit green; the inside being a fibrous mass often used for bathing, more durable than a sponge, Per packet, 10

Curcurbita, Or Gourds.

These grow rapidly and produce some of the most peculiar forms of fruit found in the vegetable kingdom.

Leucantha Longissima. Very curious; 5 feet long, 5

CUCUMIS. Gourds.

Ornamental Cucumbers with curious fruit, remarkable for the rapidity of their growth. Half-hardy annuals.

Dispaceos. Sulphur yellow. 5

Flexuosus. (Snake Cucumber.) Fruit three feet long. 5

Grossularia. (Gooseberry Gourd.) 5

GODETIA.

Very attractive hardy annuals, all well deserving of the most extensive cultivation. Their profusion of bloom, and delicate tints of color, have rendered them universal favorites.

Lady Albemarle. Flowers three inches across, of intense carmine crimson, 5

Duchesse of Albany. Large, satiny white, and very attractive, 5

Fine Mixed. All colors, 5

HELIANTHUS. Sunflower.

Very handsome varieties of Sunflower, remarkable for their stately growth and the brilliancy and size of their flowers; growing in pyramidal form to a height of 8 to 10 feet; hardy annuals.

Californicus. Extra large and double; five feet. 5

Globosus Fistulosus. Double flowers large and globular formed, of bright, rich saffron color; 6 feet, 5

Macrophyllus Giganteus. A large growing variety, of pyramidal form, 5

Oculatis Viridis. Densely double, with green center, 5

Miniature Sunflower. Dwarf branching with small flowers; yellow, dark center; 3 feet high, 5

Sulphur Gem. Grows 4 to 5 feet high; branching low, medium size flowers; light yellow color, blooming from July to frost.

Common Sunflower. Oz, 15; 5

Mammoth Russian. Very large, capital for egg producing food for poultry, keeping them healthy, and in fine condition to increase the supply of eggs, and the leaves are good fodder for cows; oz, 10.; 1-4 lb., 20; 5

GYPSOPHILA.

Hardy "Everlasting." Free-flowering little plants for rock work or small beds.

Paniculata. White; fine for bouquets; hardy perennial, 5

HOP, NEW JAPANESE.

JAPANESE HOP.

Humulus Japonicus Annual Hop from Japan. The foliage resembles in shape the common Hop. The principal feature is its climbing habit; it can be sown in the open ground in spring and attains large growth in a short time. Good for covering verandas, trellis, etc., seldom suffering from the heat, retaining its fresh green color late in autumn.

Per packet, 10

New Variegated. 25

HELIPTERUM.

Helipterum Sanfordi. Produces large clusters of rich yellow flowers; a fine "Everlasting" for winter bouquets. Tender annuals, 3-4 feet, 5

HELICHRYSUM.

Everlasting Flower.

HELICHRYSUM.

Exceedingly effective in the flower border, and indispensable for winter bouquets, for which cut before the blooms are expanded, and dry in the shade; hardy annuals (See cut.)

Monstroseum. Yellow; 1 1-2 feet, 5

Album. White; 1 1-2 feet, 5

Fine Double Red. 2 feet. 5

Nanum. Dwarf crimson, 5

Finest Mixed. All colors, 5

HELIOTROPE.

Well known deliciously fragrant plants; excellent for bedding purposes or pot culture; half-hardy perennials.

Fine Mixed. Of about 10 light and 10 dark varieties, 10

HONESTY. Lunaria.

A hardy biennial, 2 feet high, flowering the second year in May and June. The flowers are succeeded by single, semi-transparent seed vessels, they are quite ornamental and may be kept for a long time, 5

HOLLYHOCK.

HOLLYHOCK.

The increasing popularity of hardy roots and bulbs brings the Hollyhock among the most easily cultivated, showy and attractive roots, ranging in a great variety of colors, making them exceedingly attractive and valuable for grouping on the lawn or flower garden. Seed can be sown from June to September for flowering plants the next year, or in February or March in the house to bloom the first year. They will last for several years if not allowed to bloom too freely, which can be done by removing the flower buds. When the plants are so easily grown from seed seldom any care to preserve roots is given. The young plants can be protected in winter with straw or dry litter.

Finest Double German.

Crimson,	15	**Rosa,**	15
Black-edged Rose,	15	**Salmon,**	15
Violet-edged Yellow,	15	**Carmine,**	15
Purple-edged White,	15	**Scarlet,**	15
Sulphur Yellow,	15	**Maroon,**	15
Violet Red,	15	**White,**	15

One Packet each above 12 varieties, $1.50
One Packet each of any 6 varieties, 75
Choice Mixed from the above collection, 10
Extra Choice from choicest collection, mixed colors, 15
Crimson Pyramid, 18 inches high, flowers crimson, semi-double; blooms from June to September, 35
Black, 15
Plants from above in separate colors, 15 cents each, $1.50 per doz., or mixed colors, $1 per doz. Large plants from 4 inch pots, $1.50 per dozen.

HIBISCUS.

Large growing plants with showy flowers, two to four inches across; ornamental for borders.
Hibiscus Africanus. Cream yellow, purple centre, with brown eyes; 2 feet, hardy annual, 5
Coccineus. Bright scarlet; 4 feet, 10
Californicus. Large, pure white; hardy perennial, 10

ICE PLANT.

A very singular dwarf trailing plant, much used for baskets; half-hardy annual, 5
Ice Plant. (Mesembryanthemum.) Trailer, 5

IPOMŒA.

They contain the most beautiful and varied flowers. For covering arbors or stumps of trees, they are invaluable; tender annuals.
Fine Mixed, 5
Ipomœa Grandiflora. The "Evening Glory" or "Good Night" of our Southern States. Large, pure white, fragrant flowers, 10

IMPATIENS.

Sultana. This produces continually beautiful rose-colored flowers; of recent introduction, easily grown from seed, 12 to 18 inches high, tender perennial. Sometimes known as the Sultan's balsam, 10

JACOBÆA. Senecio.

A useful and exceedingly showy class of gay colored, profuse blooming plants; delight in a light, rich soil; hardy annual.
Jacobæa. Fine mixed double varieties, 10

LANTANA.

Brilliant rosettes of blossoms in various hues of pink, purple, orange, etc. Excellent either for pot culture or the open ground; half-hardy perennial.
Hybrida. Finest varieties mixed, 10

LYCHNIS.

Very handsome and useful perennials, effective in mixed flower and shrubbery borders; varying in different shades.
Lychnis. Mixed colors, 5

LARKSPUR. Delphinium.

Beautiful plants, blooming in the greatest profusion in summer; hardy annuals
Dwarf Rocket. Finest mixed double; 1 foot, 5
Tall Rocket. Finest mixed double; 2 1-2 feet, 5
Consolida. Double, branching; fine for cutting, 5
Emperor. Fine compact plants of brilliant colors and double flowers; 1 1-2 feet, 5
Emperor. Pure white; double, 5

LAVENDULA,

Chiefly cultivated on account of the delicious fragrance of the leaves; succeeds in any garden soil; hardy perennial.
Lavendula Spika. Lavender, 5

LOBELIA.

LOBELIA COMPACTA.

Their delicate, drooping habit, and the profusion of their charming little blue and white flowers render them exceedingly ornamental for vases or hanging baskets, while for border cultivation they are almost indispensable; half-hardy annuals.
Erinus Alba. Pure white; 1-2 foot, 5
Speciosa. One of the most effective varieties for bedding; 1-2 foot, 5
Crystal Palace Compacta. Compact, deep blue, fine for baskets or borders, 5
Finest Mixed Varieties, 5

LUPINUS.

Highly ornamental, beautiful, and free-flowering garden plants with long, graceful flower spikes of rich and varied colors; valuable for mixed flower borders; hardy annual.
Lupinus. Mixed colors, 5

LATHYRUS.

Everlasting Pea.

Showy, free flowering plants, growing in any common soil; very ornamental on trellis work, old stumps or for covering fences or walls; hardy perennials.
Lathyrus. Finest mixed, 5
" White, 10
" Scarlet, 10

LINUM.

A beautiful class of plants of brilliant and varied colors.
Linum Finest mixed, 5

MIMOSA.

Sensitive Plant.

SENSITIVE PLANT.

Pudica. A very interesting and curious plant its leaves closing if touched or shaken; half-hardy annual, 5

MORNING GLORY.

Morning Glory. (See Convolvulous.) Finest mixed, 20 feet, 20c. per oz.
Morning Glory. In separate colors of white, rose, dark red, dark blue, violet, rose or mixed, 5

MOON-FLOWERS OR EVENING GLORY.

Ipomœa.

MOON-FLOWER OR EVENING GLORY.

Ipomœa Grandiflora. The flowers of this climber are from four to five inches in diameter, white and numerous. If started early, the plants can be set out early in June, and will continue to bloom from midsummer until frost, growing 20 or more feet high; fine for any purpose which requires rapid covering. Packet, 10

New Hybrid Moon Flower.

The flowers larger, and in bloom 30 days earlier than grandiflora, opening earlier in the evening; growing rapidly to a height of 50 feet; the luxuriant, bright green foliage makes an admirable shade for verandas and arbors; pure white flowers, 5 to 7 inches across; early evening until 10 or 12 o'clock the next morning. Per packet, 10

MIMULUS.

Monkey Flower.

Handsome flowers, making ornaments for the conservatory, greenhouse or general flower garden. Seed sown in the spring make fine bedding plants for summer blooming, while seed sown in autumn produces effective early flowering green-house plants; half-hardy perennials.
Hybridus. Choice mixed, 10
Musk Plant, 10

MARIGOLD.

MARIGOLD.

Their rich and varied colors produce a splendid effect in almost any situation. The African is the tallest and most striking in large beds, while the French varieties are admirably adapted for small beds; half-hardy annual.

African Quilled. Lemon color, 2 feet; mixed colors. 5

French Dwarf. They form low, compact bushes, with masses of red, and yellow double flowers, 5

French Tall. Mixed double, 5

Gold Striped French. New dwarf variety, 5
Prince of Orange, (See Calendula.) 5
Signata Pumila. A compact bush, covered with thousands of bright yellow blossoms; half-hardy annuals; 1 foot, 10
Eldorado. Large double flowers, 10

MARVEL OF PERU.

MARVEL OF PERU.

The flowers of this class are varied and beautiful, and produce in great abundance; half-hardy perennials.

Marvel of Peru. Very finest mixed, 5

MAURANDIA.

These beautiful summer climbers are much used for basket and rock work; bloom the first year from seed; half-hardy perennials.

Maurandia Alba. White; 10 feet, 10
Rosea. Royal pink; 10 feet, 10
Finest Mixed Colors, 10

MIGNONETTE.

MIGNONETTE.

A well-known favorite, highly esteemed for its fragrance; hardy annuals. (See Cut.)

Reseda Odorata Grandiflora. Large flowered variety; fragrant; oz. 15, 5
Parson's White. Flowers nearly white, 5
Spiral. A distinct variety, producing spikes eight to ten inches long; very fragrant; strong grower and bloomer, 5
New Golden. Flowers of a golden hue; very effective, 5

Diamond Grandiflora. Large, nearly white, 5
Machet. Best for pot culture; compact, fine, best for general purpose; 1-4 oz., 20c., 10
Large White Upright. Flowers white, in erect spikes one foot high; free, lasting till frost. 10
Bird's Mammoth. The largest variety spikes, average 12 inches long when well grown; very fragrant, 10

MUSA.

Musa Ensete. (Abyssinian Banana Tree.) Beautiful for sub tropical massing. As single specimens on the lawn they are strikingly effective. Seeds sown early will produce large plants the first season. 6 to 20 feet. Packet of five seeds, 15

MYRSPHYLUM, Smilax.

No climbing plant surpasses this in graceful beauty of foliage. Valuable for hanging baskets, as it can be used either to climb or droop as required; arranged with flowers and festooning, it is extensively used by all florists, and largely used in all cut-flower work, keeping longer than other green, 10

MYOSOTIS, Forget-me-not.

The different species are very beautiful, and too well known to need recommendation; succeeds best in moist situations; hardy perennials.

Myosotis. Fine mixed, 5

NASTURTIUM, DWARF.

NASTURTIUM.

One of the most useful of tender annuals, for massing in groups or for vases, baskets, urns; growing and blooming freely the whole summer. The flowers are rich in color, attractive, and bloom freely in poor soil, standing the heat and drought with but little effect. The tall varieties are adapted for trellis, rock, and rustic work.

Lady Bird. Yellow, striped crimson, 5
Yellow. Per oz., 25c 5
Dwarf Crimson. Per oz., 25c, 5
Crystal Palace Gem. Yellow, spotted maroon, 5
Ruby King. Red, with dark foliage, 5
Dwarf Spotted. One foot, yellow scarlet spots, 5
" **White,** 5
" **Rose Color,** 5
" **Scarlet.** Per oz., 25c., 5
" **King of Tom Thumb.** Flowers scarlet; foliage dark. Per oz., 30c., 5
Empress of India. Dark leaved; crimson flowers, 5
Chameleon. Crimson, yellow, bronze. 5
King Theodore. Foliage and flowers very dark, 5
Mixed. Oz., 15c.; 1-4 lb., 40c.; 1 lb., $1 50, 5

A collection of 6 varieties one packet of each, 25 cents purchaser's choice from above.

The tall varieties are used for screens or trellis work.

Tall Spotted. Ten feet. Per oz., 25c., 5
" **Scarlet Striped.** " " 5
" **Scarlet,** " 20c., 5
" **Purple Violet,** " 25c., 5
" **Yellow,** " " 5
" **Crimson,** " " 5
" **Chocolate,** " " 5
" **Maroon,** " 30c., 5
" **Pearl,** " 35c., 5
Above Mixed. Oz., 15c.; 1-4 lb., 35c.; 1 lb. $1.25; 5
Lobb's Nasturtium. Smaller leaves than above, but more free flowering, adapted to trellis work, arbors, vases. Good for winter conservatory use.
Scarlet, Orange, Black, Striped in mixtures. Per packet, 10

NOLANA.

An extremely beautiful, free-flowering genus of trailing plants, the flowers resembling the Convolvulus Tricolor, but softer in color; while some are beautifully penciled; fine for rock work, hanging baskets, old stumps, etc; hardy annual.

Nolana. Fine mixed, 5

NEMOPHILA.

NEMOPHILA.

This is one of the most charming dwarf hardy annuals; of very neat, compact growth; blooms freely all summer.

Nemophila. Fine Mixed, 5

NIGELLA.

NIGELLA.

Interesting free flowering plants, of the easiest culture, growing in any garden soil; hardy annuals.

Nigella. Fine mixed: 3-4 foot, 5

NIEREMBERGIA.

Charming little plants, which flower profusely during the whole summer; well adapted for hanging baskets and edgings; half-hardy perennial.

Gracilis. Slender, lilac, yellow eye, 10

ŒNOTHERA.

Evening Primrose.

A very beautiful, free-flowering and useful class of plants, flowering generally in long spikes.

Fine Mixed Varieties, 5

OXALIS.

Very attractive and beautiful plant with richly colored flowers; suitable for greenhouse decoration, or for rock work, rustic baskets, and out of doors; half-hardy perennial.

Finest Mixed. All colors, 10

SINGLE PETUNIAS.

SINGLE PETUNIA.

SINGLE FRINGED.

Are beautiful and effective for massing in beds, and much cultivated as house plants. Being delicate seed, it is best to start them under a glass in February, March or April. They will commence to bloom in June and continue for the season, if planted in the open ground in May. Many superior strains of Single Petunias of great merit have been recently added.

Hybrida Grandiflora. From the best German collections, large flowers, blotched, fringed, mottled variegated, and green edge; of unsurpassed quality; finest colors mixed, 15

Allen's Selected Fringed. This seed is saved from the very best single varieties, comprising all shades and colors of fringed, blotched, striped and plain colors, green edged, etc., 25

Belle Etoile. A remarkable beautiful, large-flowering strain, blotched and striped, 10

Grandiflora Marginata. Large, bordered and veined with green, 25

Fimbriata Maculata. Large flowers of the finest colors; fringed, blotched and striped, 25

Dwarf, Nana Compacta. Dwarf, compact habit, a most profuse bloomer, with mottled, blotched and striped flowers, 15

Common. Mixed, 5

Grandiflora Intus Aurea. Large flowering, yellow throated, good form, with yellow extending deeply into the throat, veined, coming true from seed, in white, crimson, purple, variegated. 25

PETUNIA, DOUBLE.

This is much prized as a house plant, and as market plants for the florist they are highly valued. The improvements in this class during the past few years are wonderful, forming as they now do, such doubleness and deeply cut or fringed petals as render them effective and beautiful decoration plants; half-hardy perennial.

New Double Fringed Grandiflora Fimbriata. This strain yields 25 to 30 per cent. of double flowers, fringed; rich and delicate tints, and variegated in great variety; seldom fails to receive the highest praise, 50

New Double Dwarf Robusta Flora Plena. Its growth is compact and symmetrical, ranging in many colors, producing flowers so freely as to often represent an arranged bouquet, 50

New Double Flora Plena. This strain is saved from carefully fertilized flowers, and will produce a large percentage of double flowers, blotched and striped, 25

DOUBLE CARNATION POPPIES.

A very interesting class of hardy annuals, which have recently become very much grown and admired for bedding, making the most showy and attractive flowers found among easily grown, hardy annuals. Recently new forms and colors have been introduced, which surpass any of the older varieties. Sow early in the spring where they are to remain, thinning out to six inches or more if too thick. Are not easily transplanted.

Double Carnation Flowered. Annuals. Beautiful class; flowers round, very double, with finely fringed petals, remaining a long time on the plants; a handsome sight is a field of these poppies.

Brilliant Scarlet. (Crimson King.) 5

Rose, 5

Silver Gray, 5

New Mikado. Crimson and white, striped, 5

Elder Down or Snowdrift, Album laciniatum. Grows 18 inches high, bears flowers like round balls; white as snow; deeply fringed. Per packet, 6

Scarlet and Yellow, 5

White, Tipped Crimson, 5

Mixed, 5

Shirley Poppies. A new strain of annual poppies, so easily grown, and producing such an abundance of flowers. The colors are blended and showy and include almost every shade from pale rose to the most dazzling scarlet, blotched and variegated in many styles. A collection of them produces the finest display it is possible to imagine. In choicest mixture, per packet, 5

Double Annual Varieties.

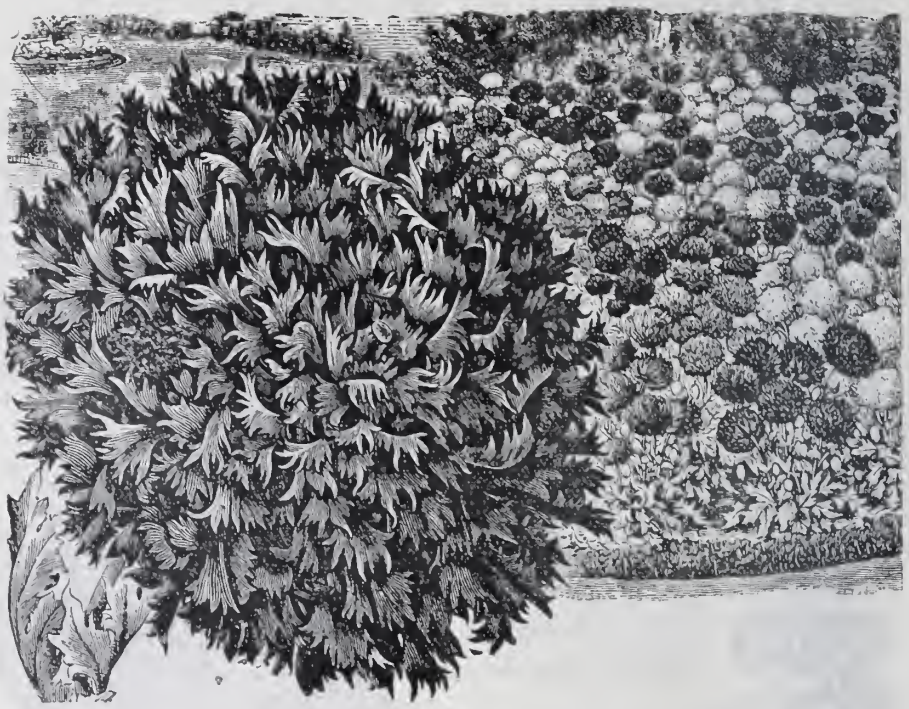
Poppy, Double Japanese Pompon. Mixed, 5

Poppy, French or Ranunculus-flowered. Mixed, 5

Poppy, Pæony-flowered. Mixed, 5

Single Annual Varieties.

Poppy Danebrog. Large, bright scarlet, with a white cross in the center, 5



POPPIES.

Umbrosum. Rich vermilion, with a black spot on each petal, 5

English Scarlet. The common field poppy of Britain; light, dazzling scarlet, 5

Peacock Poppy. Scarlet and cherry, with a black ring near the center, 10

Hookeril. New; beautiful shades of colors, 5

Single Mixed, 5

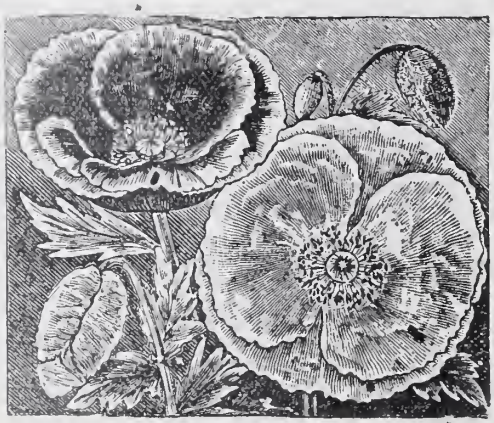
Hardy Varieties.

For permanent beds, these brilliant, hardy poppies stand unrivalled; the flowers average from three to five inches across in the single varieties.

Poppy Bracteatum. Orange scarlet; single, 10

Poppy Orieutal. Single, dark scarlet with purple spots. 10

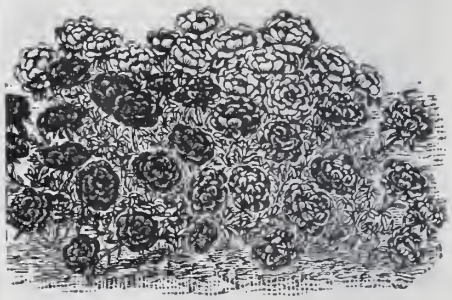
New Hybrid Orientale Popples. These showy summer flowering plants are among the finest hardy perennials, growing two feet high, and throwing up numerous flower stalks during summer, bearing enormous flowers, 4 to 6 inches across. These new hybrids include new colors, such as blush pink, blotched purple; deep blood red; blotched black; glowing scarlet; pure reddish orange; soft salmon, etc. Per packet, 10



SHIRLEY POPPY.

Iceland Popples. Flower in profusion from June to October; satin-like flowers, attractive, unsurpassed for cutting, lasting several days in water; are hardy and flower the first season from seed; yellow, white, scarlet, crimson, mixed. Per packet, 10

PORTULACA.



DOUBLE PORTULACA.

These brilliant, hardy annuals produce in summer various colored, showy and attractive flowers in greatest profusion. The double Portulaca is one of the most showy and desirable, and has proved quite constant from seed.

Grandiflora, Fl. Pl. Double; seed offered has been saved with the greatest care from the most double flowers, and of the brigbtest colors, 15

Single. Mixed colors, 5

ROCKET, Hesperus.

Well grown, very fragrant, early spring flowering plants, growing freely and blooming profusely in almost any soil; half-hardy perennials.

Sweet Purple. 1 1-2 feet, 5

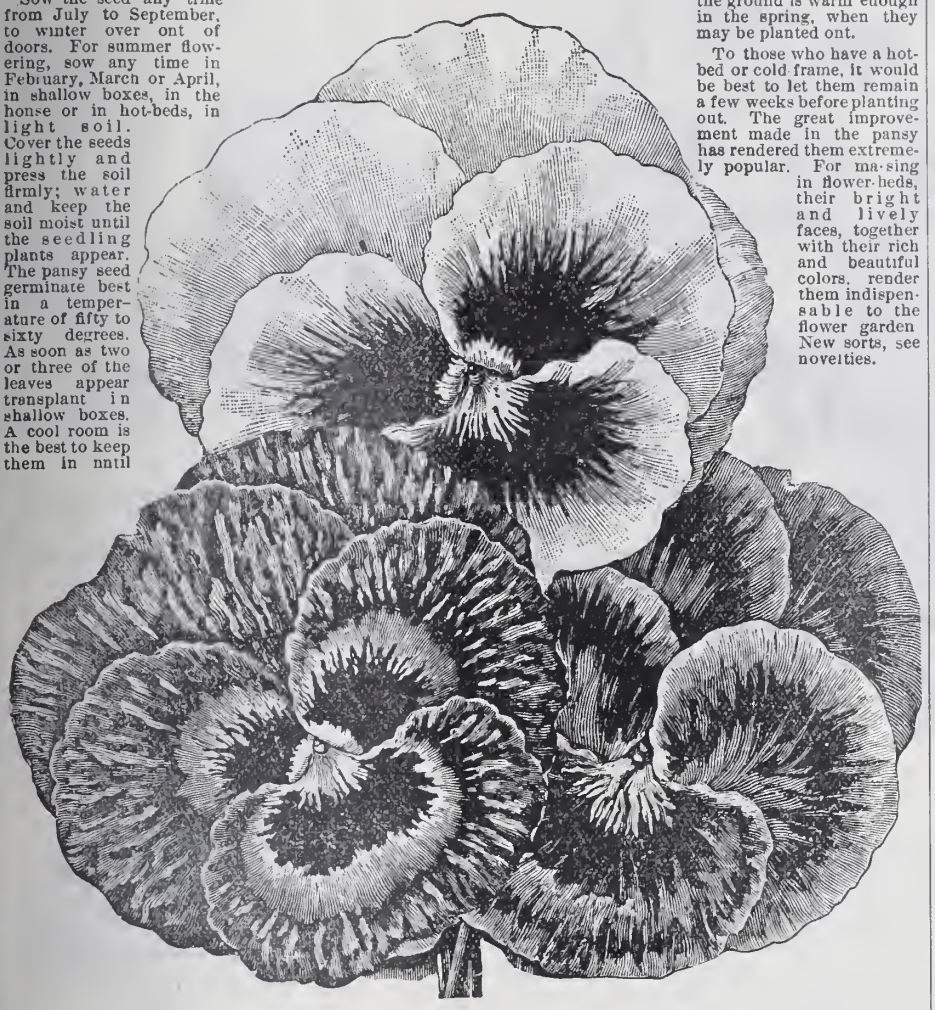
White. 1 1-2 feet, 5

Mixed. 1 1-2 feet, 5

PANSIES.

Sow the seed any time from July to September, to winter over ont of doors. For summer flowering, sow any time in February, March or April, in shallow boxes, in the house or in hot-beds, in light soil. Cover the seeds lightly and press the soil firmly; water and keep the soil moist until the seedling plants appear. The pansy seed germinate best in a temperature of fifty to sixty degrees. As soon as two or three of the leaves appear transplant in shallow boxes. A cool room is the best to keep them in until the ground is warm enough in the spring, when they may be planted ont.

To those who have a hot-bed or cold frame, it would be best to let them remain a few weeks before planting out. The great improvement made in the pansy has rendered them extremely popular. For massing in flower-beds, their bright and lively faces, together with their rich and beautiful colors, render them indispensable to the flower garden New sorts, see novelties.



PERFECTION PANSIES.

BEDDING PANSIES.

Any of the 12 varieties, 5c per pkt; 6 for 25c.; 12 for 50c.

Striped, White, Emperor William, Bronze, Purple, Golden Gem, Black, Blue White Margin, Gold Margin, Red, Mahogany Color.

Above mixed, 5c. per packet; 1-4 oz., 50c.

Large Flowering. Mixed colors, 10
Aurikel. Composed of the most rare shades and colors, 10
Baron Rothschild. Fancy varieties in beautiful mixtures, 10
Red. Bright copper colors, but not strictly red, 10
Snow Queen. Fine pure white, 10
Lord Beaconsfield. Violet, shaded to white, 10
Odier, or Five Blotched. A French variety of great beauty, each petal being distinctly blotched like the geranium, some with pure white margin, others with bright golden borders, 15
Black Prince. Large flower, fine form; without eye; a constant bloomer and good bedder, 10
Best English Mixtures. Choice large-flowering, saved from finest sorts, 15
Best French Mixtures. Large flowering, finest mixtures, 20
Best Belgian. Finest mixtures, with striped flowers, 10
Trimardeau. An improved large-flowering French strain, 15
Cassier, Odier and Bugnots. Finest mixtures, 20
Quadricolor. White, yellow, blue, purple margined; spotted, 15
Prince Bismarck. Maroon crimson with yellow band, 10
Aurieulæflora. Bronze, with rose margin, 10
Fire Dragon. Crimson, 10
Occulata. Yellow, black center, 10
Pelargoniflora. Frilled purple, 10
Mixtures from above 18 varieties, packet 15c.; 1-4 oz.; $1
Perfection Pansies. This is a special mixture containing the choicest, rare, new and large-flowering and fancy markings of my own mixture. One of the choicest strains known. Packet, 20c.; 3 pkts., 50c.; 6 pkts., $1; 12 for $1.75.
New Giant Pansies. This new race is wonderful in size, form and markings. See description and illustration on cover and colored sheets.
New Giant, White, Black, Yellow, Purple, Beaconsfield, Striped, Aurikel. In separate colors; 7 packets, one of each; 85c. Per packet, 15
Cardinal. Red, new, 25

SENSITIVE PLANT.

(See Mimosa Pudica.)

SUNFLOWER.

(See Helianthus.)

SWEET WILLIAM.

(See Dianthus.)

PERILLA.

PERILLA.

Ornamental foliage plants, with blackish purple colored foliage, forming a fine contrast to the silver foliage of Cineraria Maratima, the Centaureas, etc, grows freely in any soil; half hardy annual.

Nankinensis. Leaves deep mulberry; 1 1-2 foot, 5

POLYANTHUS.

Plants bloom in early spring, well adapted to outside culture or in pots in the house; hardy perennials.

POLYANTHUS.

Sow seed in February; when strong enough, pick out and transplant in the open ground in May, six inches apart.

Choice Quality Mixed, 10

RHODANTHE.

Everlasting flowers for winter bouquets. Succeed best in a light rich soil, and a warm sheltered situation; half-hardy annual.

Maculata. Bright, rosy crimson, yellow disc, 5
Alba. Pure silvery white, 5
Mixed Colors, 5

PLATYCODON.

Platycodon or Wablenbergia. Large flowering; mixed colors; known as Chinese Bell Flower; showy, hardy perennial for permanent beds and borders, bearing large, broad, bell-shaped, white, blue or pink flowers. 8 to 15 inches high, 10

SCABIOSA.

Mourning Bride or Sweet Scabiosa.

The Scabiosas are useful for cut flowers or bouquets, producing flowers on long stems. The tall varieties grow 18 inches high, and the dwarf about 12 inches. If seed is sown in June and not allowed to bloom much, will bloom the second year.

Mixed Colors. Single; white, purple, red, pink, 5
Double Tall. Mixed, 5
" " White, 5
Double Dwarf. Mixed; about 10 colors, 5

DOUBLE SCABIOSA.

SOLANUM.

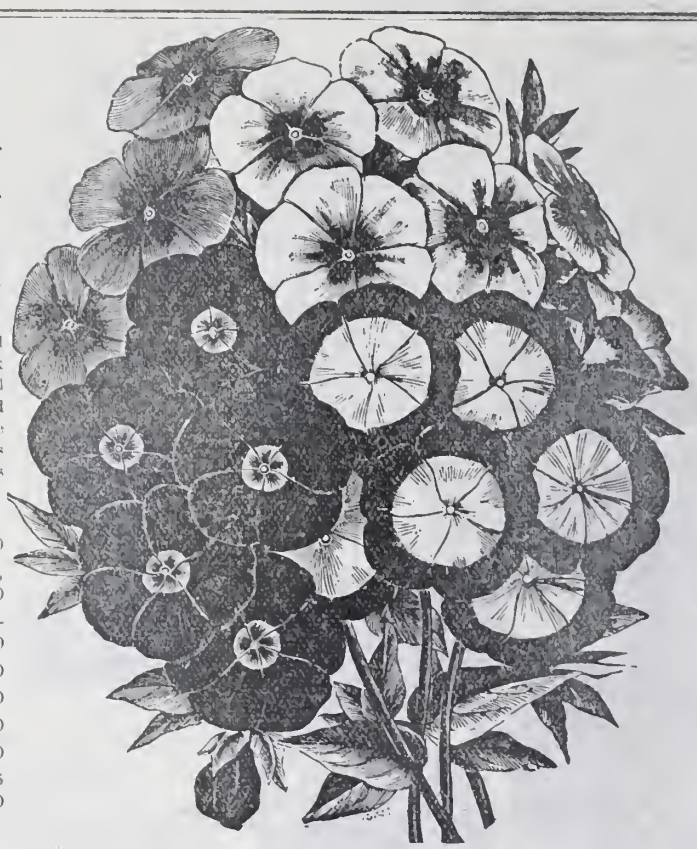
Covered all winter with a profusion of scarlet fruit; handsome plant for a greenhouse or sitting room.

Solanum Capsicastrum. 1 1-2 feet, 10

PHLOX DRUMMONDII GRANDIFLORA

An improved form and size of flower of the Phlox Drummondii; nearly equal in size of flower to the old hardy garden phlox, while its growth is but 10 inches high, blooming as freely as the old varieties Drummondii.

Alba. White, 10
Alba Oeculata. White, maroon eye, 10
Atropurpurea. Purple, 10
Striata. Striped, 10
Coccinea. Scarlet, 10
Carmine, 10
Rose, 10
Grandiflora. About 15 varieties, mixed, 10

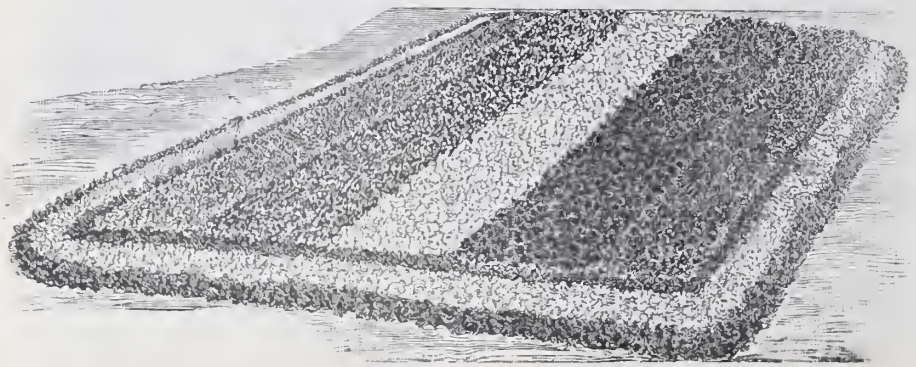


PHLOX DRUMMONDII GRANDIFLORA.

PHLOX DRUMMONDII.

The Phlox Drummondii is one of the most useful annuals cultivated. For massing in groups or arranging in ribbon lines, I think there are no flowers obtained with so little care and expense, that give such an abundance of rich flowers from July to November, being the most desirable of the whole class of annuals, the colors ranging as given below. The seed sown in cold-frame, hot-bed, dwelling house, or in seed-box, gives them an early start, ready to be planted in the open ground in May. They will soon show bloom and continue until killed by hard frosts. They can be sown in open ground but it is safer to start in boxes; the seed generally comes better and more plants will be obtained. Set the plants 8 to 12 inches apart. For ribbon lines, white, scarlet, rose, blue and purple, should be set to give a good contrast in color.

Black Warrior. Dark purple, 5
Pure White. 5
Oeculata. White, with purple eye, 5
Coccinea. Deep, brilliant scarlet, 5
Isabellina. Pale yellow, 10
Leopoldi. Bright rose, white eye, 5
Rosea. Pure rose color, 5
Marmorata. White, tinged rose, 5
Washington. Violet purple, white throat, 5
Prince Bismarck. Purplish red, white margin, 5
Redovitzi. Rose, striped white, 5
Alba Rosea. Striped, 5
Heynholdi. Bright scarlet, dwarf and compact. 10
William I. Crimson, white stripe, 10
Finest Mixed. All shades and colors, 5
Decussata. Hardy Perennial Phlox, 10
Vick's New Double White. A robust, half dwarf variety, coming quite true from seed, 25
Star of Quedlinburg. Star-shaped flowers of various colors mixed, 10
Fimbriata and Cuspidata. Flowers funnel-shaped, fringed, of various colors; new, very interesting, 10



RIBBON RED OF PHLOX DRUMMONDII ARRANGED IN COLORS—WHITE, SCARLET, PURPLE, ETC.

PRIMULA.

For the house or conservatory in winter, the Primrose ranks first as a continual bloomer, requiring the least care and sun, and most free from insects of any plant we have in cultivation, producing its flowers in the greatest profusion. The seed we offer is saved by one of the largest European growers, who is noted for his superior strain of Fringed Primulas; many are so deeply fringed with overlapping petals as to appear almost double. I used the best of care in selecting seed from the latest improved and most highly prized varieties. Sow seed in March or April, and you will have fine plants for winter blooming. Great improvement has been made with these flowers within a few years.

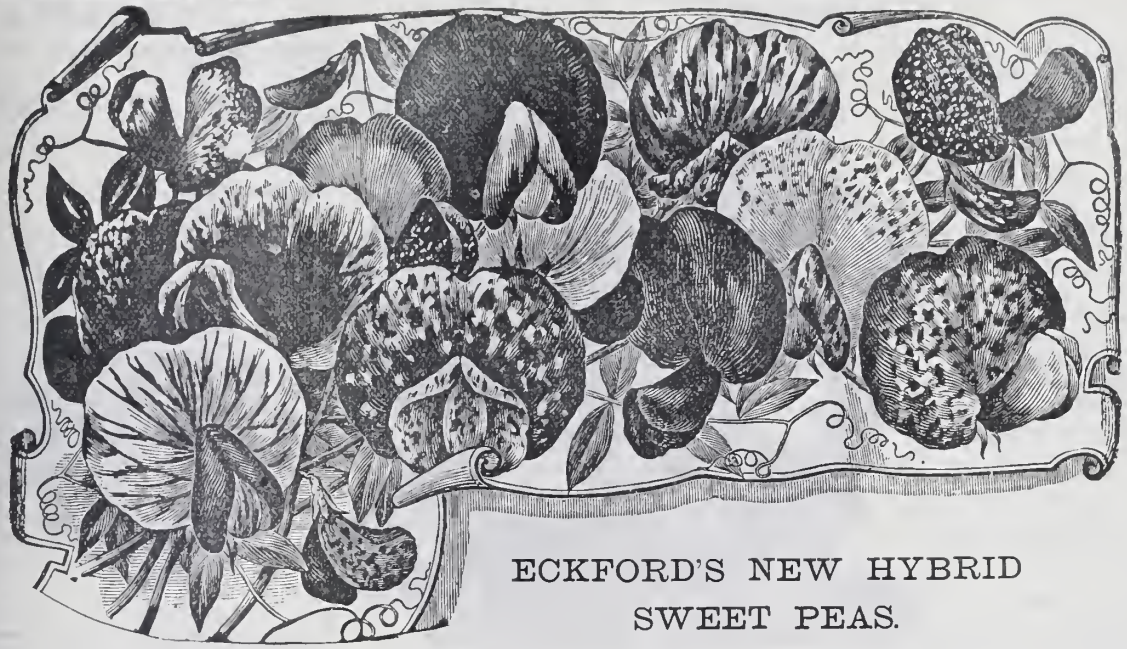
PRIMULA; FLOWERS RED, WHITE AND VARIEGATED.

Globosa. Plant dwarf, half globe shape and very compact; flowers deeply fringed; rose, white, crimson and striped mixed, 25
Magnifica. Flowers of immense size and fine substance; almost double, pure white and deeply fringed. per 50 seed, 35

CHINESE PRIMULA PLANT, (PRIMROSE)

Finest Single Fringed. Red and rose, 25
" " " White, 24
" " " Striped, 25
" " " **Elegantissima.** Crimson, marked with light spots, 35
Very Finest Single Fringed. Mixed, 20
Christata Nana Alba. Flower white, half-double with beautiful foliage; plant dwarf, 25

SINGLE PRIMULA FLOWER.



ECKFORD'S NEW HYBRID SWEET PEAS.

Common Single, not Fringed. Mixed colors, 10

DOUBLE PRIMULA.

Cærula. New, blue, fringed. The seed produces deep blue, lavender blue, new and rare; 25 seed, 50
Crimson Scarlet. Beautiful bright crimson, 35
Coccinea. Bright red, very effective new color, 35
Fringed Double White. A large percentage will come true from seed, 50
Fringed Double. Red shades, 50
Fringed Double. Mixed, extra fine, usually about 25 per cent come double from seed, 50

SWEET PEA.

Beautiful, fragrant, free flowering climbing plants, continuing to bloom from July to October; should be sown as soon as the ground can be worked in the spring. Supported by common pea sticks, or wire netting, they form admirable screens for protecting more tender plants. They are now very popular, the flowers being used in cut flower work. If possible, sow in a cool, moist soil, very early in April, 2 or 3 inches deep, using seed freely, the plants to stand about one inch apart.

Adonis. Carmine, pink, fine, distinct, 5
Black Purple. Oz., 15c., 5
Butterfly. White ground, shaded with lavender blue, 5
Blanche Ferry. New, dwarf, compact. The colors of this varietiy combine white and pink, similar to the well-known Painted Lady, the pink being of a deeper shade, and sometimes will show some variegation. It blooms two weeks earlier than any other variety, is more dwarf and compact, producing larger flowers in greater confusion. Pkt., 5c.; 6 pkts. 25.; oz., 12c.; 2 oz., 20c.; 1-4 lb., 30c.; lb., $1.00.
Crown Prince of Prussia. Bright flush, 5
Capt. Clark. Tricolor, 5
Dark Red. Oz., 15., 5
Painted Lady. Rose and white; oz., 12c.; lb., 85c.; by mail, 93c., 5
Purple Striped, 5
Princess Beatrice. Carmine rose, 5
Red Striped. Oz., 12c., 5
Scarlet Invincible. Oz., 12c.; 1-4 lb., 35c.; lb. $1 00, 5
White. Oz., 15c.; 1-4 lb., 40c.; lb., $1.50, 5
Mixed. All colors; oz., 12c.; 1-4 lb., 30c.; lb., 75c.; by mail, 83c, 5

Sweet Peas, Eckford's Hybrid.

An improved form and increased size and flower from Mr. Eckford of England, who is widely known for improving this much admired and useful flower.

Apple Blossom. White, shaded lilac, lower petals rosy pink, oz., 20c. 5
Fairy Queen. White and rose, 5
Grand Blue, 5
Indigo King. Deep Violet, 5
Invincible Carmine. Carmine, fine large flower, 5
Isa Eckford. Rosy pink, shaded carmine, 10
Orange Prince. Rose and orange red, 15
Prince of Wales. White, striped mauve, 10
Queen of England. Large, pure white, oz., 30c, 5
Queen of Isles, 10
Vesuvius. Crimson, shaded scarlet, 5
Violet Queen. Violet blue, 10
Borcatton. Rich dark brown, fine, 10
Splendour. Dark rose, shaded crimson, 10
Eckford's New Hybrids. This mixture contains all the new large flowering sorts, except the latest novelties in best mixture. Oz., 15c.; 1-4 lb., 40c.; lb., $1.20; by mail, $1.33, 5

RICINUS. Castor Oil Bean.

RICINUS.

Ornamental plants of stately growth; half-hardy annuals.

Cambridgensis. The finest dark-leaved variety, leaves nearly black, very beautiful, 15
Gibsoni. Dark purple stem and leaves, fine, 5
Borbonicusis Arborus. Beautiful large leaves; 15 feet, 5
Sanguineus. Blood red stalks, scarlet fruit, one of the best; five feet, 5
Giganteus. Large, fine and showy; 6 feet, 5
Communis. (Palma Christi.) Common Castor Oil Bean, 5
Finest Mixed, 5

SCHIZANTHUS.

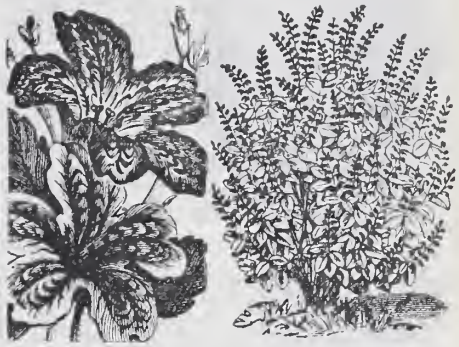
Are plants combining elegance of growth with a rich profusion of beautiful flowers; half-hardy annual.

Schizanthus. Finest mixed colors, 5

SALPIGLOSSIS.

Highly ornamental and beautiful autumn blooming plants with funnel-shaped flowers, curiously veined and marbled; half-hardy annual.

Large Flowering. Finest mixed; 1 1-2 ft, 5



SALPIGLOSSIS. SALVIA.

SMILAX.

Extensively used as green in all floral decorations. Per packet, 10

SALVIA.

Splendid ornamental plants for out-door decoration; blooming from August till killed by frost; tender annuals.

Patens. Splendid deep blue; 2 ft., 15
Splendens. Vivid scarlet; 3 ft., 10
Alba. White, 15
Clavenaud. Blooms earlier and more abundantly than Splendens; a new scarlet, 15

PEA EVERLASTING.

(White, scarlet, see page 30.)

THUNBERGIA.

Ornamental, free-blooming climbers of rapid growth; handsome foliage and much admired flowers; tender annuals; mixed varieties, 10

VERBENA.

Sow in the house, cold frame or hot-bed from February to May, in about 60 degrees, care being taken not to let the soil get too dry or too wet, as it takes about two weeks for the seed to germinate; transplant when an inch high, planting in the open ground as soon as the weather becomes warm. They commence to bloom in July and continue till November, covering the ground from two to four feet with one mass of bloom; are usually fragrant; no plant gives more useful or showy flowers in such abundance.

Hybrida. Finest mixed varieties; saved from the best-named kinds, 15
Auricula Grandiflora. Large-flowered: all colors mixed, 15
Cærulea. Blue shades mixed, 15
Defiance. Splendid old scarlet bedding variety; constant; extra, 15
Candidissima. Pure white; large trusses; splendid, 15
Scarlet. Different shades, mixed, 15
Italian. Striped; from a choice collection, 15
Good Mixed. All colors, 10
Common Mixed. 5
American Mammoth. Very fine; large flowers in various colors, mixed, 15

NEW LARGE FLOWERING VERBENA (AMERICAN MAMMOTH).

STOCK, Ten Weeks.

STOCK.

The stock is one of the most important flowers for summer and fall blooming, and nearly equal to the Carnation in size and doubleness of flower. They are much used by florists for arranging bouquets and designs. The seed can be sown at any season; for summer flowers, sow in March, transplant when two inches high, and will commence to give flowers in July, continuing till hard frost, and if lifted carefully, will bloom in the house all winter, but it is better to sow seed in August or September, for young plants to bloom in the winter, as they will give larger and better flowers; hardy annual.

Pyramidal Large-flowering. A plant of pyramidal habit, with long spikes of large flowers; growing 12 inches high; blooming early; one of the best for florists' use; many choice colors mixed, 10
Boston Florists' Double White, 15
Princess Alice. A branching, perpetual white, 15
Large-flowering Pyramidal Dwarf. White, rose, carmine, blue, violet, red, chamois, yellow; each color very double; fine for cut flowers, 10
Largest-flowering Pyramidal Dwarf, Blood Red. The richest, deepest-colored stock grown, 15
Early Autumn-flowering. Commences flowering in the autumn, and if removed to the house, will bloom during the winter; mixed colors, 10
Dwarf Ten Weeks, Mixed. Not over 30 per cent of these come double from open ground seed, 5
New Perpetual. Flowers continually during the whole year; very double; 12 inches high, and will grow three feet through if given room; quantities of flowers; mixed colors, 20
Large-flowering Dwarf Pyramidal Snow Flake. New pure white, 20
Choice Dwarf German Mixed. 10
Brompton, or Winter. Finest mixed, 15
Wall-flower Leaved. Smooth, shining leaves; dwarf habit. Set only six inches apart; mixed colors, 15
New Giant Perfection. Pyramidal growth; long spikes; large, double flowers; 2 1-2 ft, 15

TAGETES.

(See Marigold.)

TROPÆOLUM.

Beautiful climbers, flowering profusely; very useful for covering trellis and rustic work out of doors; half-hardy annual.

Mixed Varieties, 5
Peregrannum. (See Canary Bird Vine,) 10
Lobbisnum. Delicate foliage; good for house or pot culture; finest mixtures, 10

VENUS' LOOKING GLASS.

A free-flowering dwarf, hardy annual; especially adapted for beds, edgings, etc., grows well in any garden soil.
Mixed, 5

VIOLA, Violet.

A favorite much in demand on account of its profusion of bloom and fragrance; hardy perennial.
Viola Odorata. (Sweet Violet.) Mixed varieties, 10

VINCA.

Vinca Rosa. Rose, crimson eye, 10
" " **Alba.** White; crimson eye, 10
" " Pure white, no eye, 10
" " Finest mixed, 10

WHITLAVIA.

A pretty annual, delicate foliage, drooping clusters of blue and white bells; hardy against cold and wet, but suffer often in hot, dry weather. For a shady place, few flowers give more pleasure; it is a good plant for baskets and vases.
Whitlavia Grandiflora. Violet blue, bell-shaped flowers; hardy-annuals; 10 inches high, 5

WALLFLOWER.

A well-known plant much esteemed for its fragrance; half-hardy perennials.
Double. Finest mixed, 10

WISTARIA.

Wistaria Sinensis, Hardy climbing plants, with large purple flowers, 20

XERANTHEMUM

A showy class of everlastings. The flowers when gathered young, are useful for winter bouquets; hardy annual.

Double White. Two feet, 5
" **Purple.** " " 5
" **Yellow.** " " 5
Mixed Colors, 5

ZINNIA.

DWARF DOUBLE ZINNIA

They grow rapidly from seed, blooming in about eight weeks, continuing until killed by frost. They form plants about 20 inches high, with profusion of flowers of nearly all colors and shades, resembling in form the double dahlia; are largely used for massing or high borders; set plants about 12 inches apart. The dwarf varieties are of recent introduction, growing but 10 or 12 inches high, and in most cases preferred to the tall varieties; seed can be sown in March or April in boxes and transplanted, or sow seed in open ground.

They range in a variety of colors of **white, scarlet, crimson, purple, salmon, sulphur yellow, bright yellow, violet,** in many shades.

Zinnia Double Dwarf. In eight best colors mixed; very double. For bedding or massing, the dwarf varieties are most preferred, 10
Dwarf White, 10
Double Tall. Mixed, 5
Zebra. About 50 per cent produced are spotted and striped flowers of all colors, 10
Double Pompone. Small flowers, very double, 10

Collection on First Page of Cover.

Molesworth Fuchsia,	**20**
Carnation Aurora,	**20**
Carnation Puritan,	**20**
Rose, Mdme. Paul,	**20**
Pansy Perfection Seed,	**20**
	$1.00

Above Collection by mail or express, 75c.

Collection on Last Page of Cover.

New Guillard Pinks,	**25**
New Summer Chrysanthemum,	**25**
New Polyantha Rose from Seed,	**15**
New Chrysanthemum, Golden Wedding,	**50**
Crozy Canna Plant,	**25**
	$1.40

Above Collection of 5 by mail or express, $1.10.

Vegetable Seeds.

SOWING SEED.

Never cover too deep. Regulate by the size, covering only a little deeper than the size of the seed. In hot, dry weather, the soil should be rolled after covering, that the seed may germinate quickly.

It is of importance in sowing seed, either in a hot-bed or open ground, that the temperature should be right. Cabbage, Cauliflower, Lettuce, Radish, Beets, etc., will germinate freely in a temperature of about 50 degrees, while Tomato, Pepper, Egg plant, etc., require a temperature about 15 degrees higher. A little care on this point would save a great deal of injury to the grower, as well as the seedsman, who is often blamed for selling worthless seeds, when the fault lies wholly with the one who sows them.

In offering the following list of Vegetable seeds I would say that my stock has been selected with the greatest care in regard to purity and freshness, and can be relied upon as being the very best in quality. I invariably test all seeds offered. Great care is used to supply every article true to name and of good quality.

ASPARAGUS.

ASPARAGUS.

Sow early in the spring, as soon as the ground will admit of working, in rows a foot apart; the plants will be in condition to set out the succeeding spring. Previous to sowing the seed, soak them in tepid water for 24 hours.

In transplanting, make the ground very rich with well-rotted manure, dig or plow 12 or 13 inches deep, mixing in bone and ashes, or a little phosphate; make rows 18 inches apart, and set plants 8 or 10 inches apart in the row, covering 4 to 6 inches. Two-year-old plants are best to plant, and will be of suitable size for table use the second year after transplanting.

Add 8 cents per pound when sent by mail.

Conover's Colossal. A variety of large size, tender, productive, and of excellent quality. Pkt., 5c.; oz., 10c; 1 lb., 40c.

Moore's New Giant. Superior to Conover's Colossal, and has been awarded many first class prizes. Pkt., 5c.; oz., 15c.; 1-4 lb., 35c.; lb., $1.25.

Palmetto. A new large southern variety. Pkt., 10c.; oz., 10c.; 1-4 lb., 20c.; 1 lb., 75c.

Asparagus Roots.

Conover's Colossal. One-year-old roots, 75c per 100; by mail, 85c. Two-year-old roots, $1 per 100; by mail, $1.25

Moore's New Giant. One-year-old roots per dozen, 20c.; per 100, 85c.; by mail, add 10c. per 100. Two-year-old roots, $1 per 100; by mail, $1.25 per 100.

Palmetto. Roots same price as Moore's.

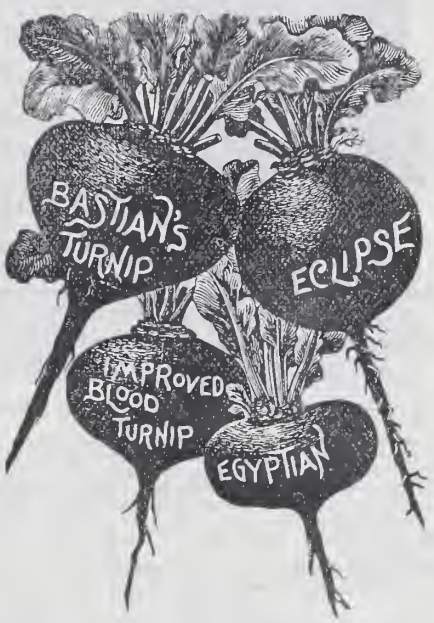
ARTICHOKE, Jerusalem.

Grown from tubers, which resemble potatoes, cultivated in a similar manner when planted for field culture; make hills about 4 feet apart. Tubers, price per quart, 20c.; pk., $1.40; 3 lb. package by mail, $1; Seed, Large Globe packet, 10c.; oz., 35c.

BEETS.

Soak the seed for 24 hours in warm water, and sow immediately in drills 15 inches apart, one inch deep. The best soil is a light, rich, sandy loam, well manured with decomposed compost, carefully worked in. For an early supply, sow as soon as the ground can be worked in the spring, and about the middle or end of May for a general crop. Successive sowings, recommended during the season till the end of June. Thin the plants to a distance of about 6 inches and keep the ground well stirred. Harvest before severe frost, and cover in the cellar with sand or dried earth.

Add 8 cents per pound if sent by mail.



Bastain's Blood Turnip. One of the best early blood red varieties; very uniform, smooth, round, small top, excellent for market, early or late. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 45c.

Dewing's Blood Turnip. Roots blood red; of fine form and flavor; very desirable variety. Pkt., 5c; oz., 10c.; 1-4 lb., 15c.; lb., 50c.

Improved Egyptian. Equally as early as the Egyptian, but a deeper, thicker bulb. Much in demand as an early market or table beet, being dark red in color. Not a good winter variety. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; 1 lb., 75c.

Eclipse. One of the most popular varieties for market gardens; a much better table beet than the Egyptian. Round and smooth; small top. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; 1 lb., 65c.

Early Blood Turnip. The standard early sort; an excellent variety for summer and winter. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; 1 lb., 45c.

Long, Smooth, Blood Red. An excellent late variety; a great improvement on the common Long Blood. Pkt., 5c.; oz., 10c.; 1-4 lb., 18c.; 1 lb., 50c

Edmand's Blood Turnip. Uniform deep red in color, sweet, tender, smooth, globular in shape, of good market size; small top, single tap-root, not quite as early as Eclipse, but for main crop the best one for marketmen. Pkt., 5c.; oz., 12c.; 1-4 lb., 20c.; 1 lb., 60c.

Lintz Beet. Originated in Philadelphia by a prominent market gardener; closely resembles Dewing's Blood; early as the Egyptian, larger, of fine, perfect turnip shape, with smooth roots, dark red flesh, grows small top. Pkt., 5c.; oz., 15c.; 1-4 lb., 20c.; 1 lb., 60c.

SUGAR BEET AND MANGEL WURZEL.

For Feeding Stock.

Sow from the 15th of April until June, at the rate of 4 to 6 pounds per acre. Sugar beet and Mangel Wurzel are an indispensable root for cattle, and largely increase the flow of milk, without imparting an unpleasant flavor. Pkt., 5c.; oz., 10c.; except where noted.

Add 8 cents per pound if sent by mail.

Lane's Improved Sugar. An improved large white sugar beet. 1-4 lb., 15c.; 1 lb., 45c.; 5 lbs., $2.

White Silesian Sugar. Growing in favor for stock feeding, producing from 15 to 20 tons per acre. Used in Germany and this country extensively for the manufacture of sugar. Oz., 10c.; 1-4 lb., 15c; 1 lb., 40c.; 5-lb. lots at 35c. lb. [See cut.]

Vilmorlin's Improved French White Sugar. This is the variety grown by the French for the manufacture of sugar. Oz., 10c.; 1-4 lb., 15c; 1 lb., 40c.

Norbitan's Giant. The finest variety of the Long Red Mangel Wurzel for feeding stock. Oz., 10c.; 1-4 lb., 15c.; 1 lb., 38c.; 5 lbs., $1.75.

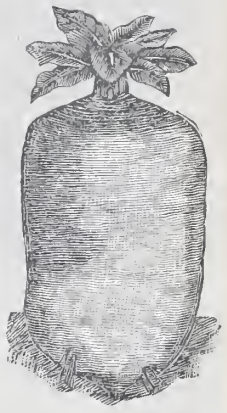
Yellow Globe Mangel Wurzel. Of large size and globular form; very productive; keeps better than the Long Red, and is better adapted for growing in shallow soil. Oz., 10c.; 1-4 lb., 15c.; 1 lb., 40c.

Yellow Ovold. An intermediate variety between the Globe and Long Red; quite free of roots and a heavy cropper. Oz., 10c.; 1-4 lb., 15c.; 1 lb., 40c.

Golden Tankard. This variety admits of close culture, and will be found the best producing variety of the intermediate class. It is very solid, small top, smooth and broad. Oz., 10c.; 1-4 lb., 15c.; 1 lb., 40c.

Long Red Mangel Wurzel. This variety is more generally grown for agricultural purposes than any other, producing roots of large size and of excellent quality. 1-4 lb., 15c.; 1 lb., 40c.

WHITE SILESIAN SUGAR.



GOLDEN TANKARD MANGEL.

BROCCOLI.

Nearly allied to the Cauliflower, but more hardy and sure to head. It succeeds best in moist and rather cool atmosphere. Pkt., 10c.

White Cape. Heads medium size, close, compact, and of a creamy white color, one of the most certain to head. Oz., 25c.

Purple Cape. Differing from the preceding in color, which is a greenish purple. Oz., 25c.

BRUSSELS SPROUTS.

This is one of the best vegetables for winter use, producing from the axils of the leaves an abundance of sprouts resembling small cabbages.

Tall French. Pkt., 5c.; oz., 15c.

Dwarf Improved. Pkt., 10c; oz., 25c.

BEANS, Dwarf or Bush.

A succession of sowings may be made from the first of May until July. Plant in drills about two inches deep, and from 18 inches to 2 feet apart. Per pkt., 10c.

Add 15 cents per quart if sent by mail.

SNAP VARIETIES.

Cleveland's Improved Valentine. An improved variety of the Valentine, so much grown for a market string bean. Two weeks earlier than the common Red Valentine, for marketmen, one of the best green pod varieties; best early market string bean Pkt., 10c.; qt., 25c.; pk., $1.50.

Horticultural, or Cranberry Bush. Owing to the great amount of labor in poling beans, this variety is much used in place of Horticultural Pole, which is much earlier and a great producer. It is in great demand by marketmen, and as a dry bean is far richer than the pole variety for family use. Pkt., 10c; qt., 25c.; pk., $1.60.

Early China. Very early; string or shell; popular and productive. Pkt., 10c.; qt., 20c.; pk., $1.50.

Early Mohawk. Suitable for northern latitudes; is less susceptible to injury from cold than most of the others; productive; good quality. Pkt, 10c.; qt., 20c.; pk., $1.50.

Pea Bean. Very productive, small, nearly round; grown for field culture. Qt., 15c.; pk., $1

White Marrowfat. Extensively grown for sale in the dry state Qt., 15c.; pk., $1.

White Kidney. A much esteemed field bean. Pkt., 5c.; qt., 15c; pk., $1 35.

Improved Yellow Eye. Prolific; one of the best for baking. Pkt. 5c.; qt., 15c.; pk., $1.25.

Snow Flake. New field, white, productive. Pkt., 10c; qt., 20c.

Low's Champion. For table, garden and market; entirely stringless, extremely tender and of exquisite flavor as a string. Very productive. Pkt., 10c.; qt., 30c.

Boston Favorite. Similar to Dwarf Horticultural; very popular in Boston market. Pkt., 10c.; qt. 25c.; pk., $1.75.

EARLY GOLDEN-EYED WAX.

DWARF WAX BEANS.

Golden Wax. Pods large, long and brittle, and entirely stringless. Pkt., 10c.; pt., 15c.; qt., 25c.; pk., $1 60. [See cut.]

Black Wax. Pods, when ripe, waxy yellow; transparent; very tender and delicious. Qt., 25c.; pk, $1.25.

White Wax. One of the most useful of the White Wax string beans. Yellow pods. Pkt., 10c.; qt., 30c.; pk., $1 50

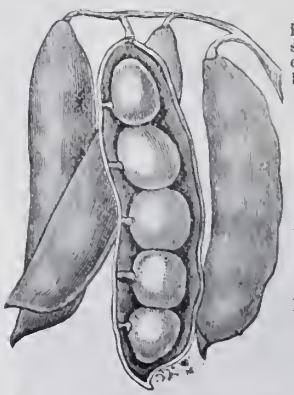
Kidney Wax. An improvement of the Golden Wax, which it exceeds in yield; equally as early; erect, hardy, productive; long pods, broad and flat, of a delicate wax-yellow, stringless and very brittle. Beans, kidney shape, white with reddish spots; useful as a winter shell bean. Pkt., 10c.; qt., 30c.; pk., $1.75.

Flageolet Chevier. This is remarkable for keeping its pods and beans in the green state a long time, even when ripe. Pkt, 10c

Golden-Eyed Wax Bush Bean. This is as early as the Golden Wax, more prolific in pods, and what is very important to market men, rust proof or entirely free from blight in any way. It has been well tried; as yet not one complaint of showing the least form of rust. For market gardeners it can be recommended as the most profitable early yellow pod string bean yet offered; very tender and stringless. Pkt., 10c.; qt., 30c.; pk., $2.

Yosemite Mammoth Wax Bush Bean. A new race of Wax Bush beans, is second only in value to the Bush Lima Pods frequently 10 to 14 inches long, with the thickness of a man's finger. Pods are nearly all pulp, seeds being very small when the pods are fit for use. Of golden color, stringless, cooking tender. Pkt., 10c.; ½ pint, 15c.; pint, 25c.; qt., 45c.

BEANS, Pole or Running.



LIMA BEAN.

These succeed best in sandy loam, which should be liberally enriched.

Improved Large Lima. Its noted improvement is its remarkable earliness, its great productiveness and delicious flavor. Pkt., 10c.; qt., 30c.

Early Lima, or Sieva. Earlier and more hardy than Large Lima Pkt., 10c; qt., 30c.

King of Limas. Larger and more productive than other Lima varieties. Pkt., 15c; qt., 35c.

Dreer's Improved Large Lima. Produces a larger yield than Large Lima Pkt, 10c.; qt., 35c.

Dutch Case Knife. A very productive variety, and one of the earliest. Pkt., 10c.; qt., 25c.; pk., $1.75.

Horticultural, or Speckled Cranberry. A popular variety for private use or market gardener, equally serviceable in green state or when shelled. Pkt, 10c; qt. 30c.; pk., $2

German Wax. One of the best either for snap or shell in the green state. Pkt., 10c; pt., 15c.

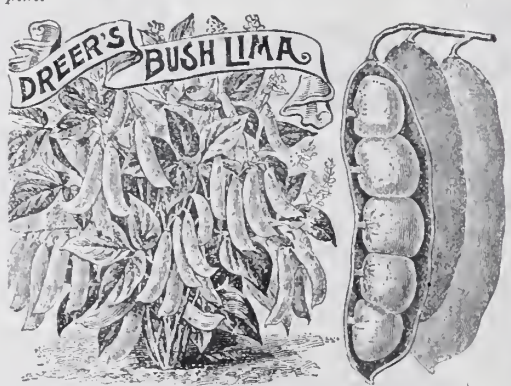
Scarlet Runner. An ornamental plant and a useful vegetable. It grows to the height of 10 feet, producing scarlet flowers. Pkt., 10c.; pt., 20c.

White Runner, or Dutch. Similar to Scarlet Runner, except in color of seed and flower. Pkt., 10c; qt., 30c.

Yard Long. Pods grow two or three feet long, Pkt., 10c.

Painted Lady. For use or ornament. Pkt., 10c.

Add 15 cents per quart if sent by mail, or 8 cents per pint.



Dreer's Bush Lima Bean.

A true Bush Lima, much larger beans than Henderson's Bush Lima. Plants grow from 1½ to 2 feet high, of vigorous, bushy habit, producing pods in abundance. The beans grow close together in the pods, are very thick, sweet and succulent, and ripen fully 10 days earlier than the Pole Limas.

Notes taken at the originator's grounds as follows:

Planted May 4th, matured August 3rd; 91 days. The beans were well set, and matured eight days before Dreer's Improved Pole Lima. The pods of the bush variety were equally as large and full.

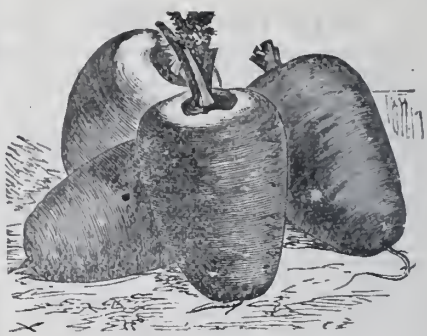
Planted May 30th, matured August 24th; 86 days 10 days ahead of the pole variety. Many of the pods contained five beans, and 40 per cent four in a pod. When planted on light, rich soil, it shows an increase in crop.

Packets, 15c. each; 6 packets, 75c.

Burpee's Bush Lima Beans. This is a true form of the large Lima growing in bush form, requiring no poles; beans as large as the Pole Lima, growing 15 to 18 inches high and is said to produce from 50 to 200 large pods. Pkt., 15c.; 6 pkts., 75c.

Henderson's Bush Lima Bean.

A Bush Lima, 15 inches high, in a compact bush form, producing heavy crops; maturing for table from the middle of July until frost. The beans are the size of the Small Lima, of the flavor of the famous Lima Bean of the South. Pkt, 15c.; qt., 30c.; prepaid by mail, qt., 45c.



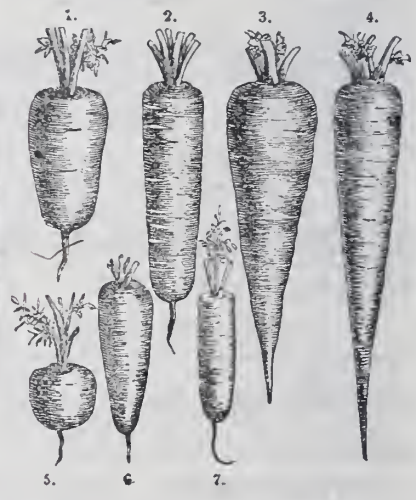
GUERANDE OR OX-HEART CARROT.

CARROTS.

Light loam is most suitable. Ground should be well enriched with fine rotted manure, six or eight cords to the acre. Sow in rows 15 inches apart, thin plants 2 to 4 inches in the rows, according to the variety. Plant from 1st to 15th of May. Often good crops are harvested when sown as late as June 10th. The dry weather which prevails at that season is apt to prevent the germination of the seed. In such cases it is better to increase the quantity of the seed, being more certain to yield a good crop. Seed is sometimes soaked to hasten germination Hoe often and keep from weeds.

Add 8 cents per pound if sent by mail.

Early Scarlet Horn. For forcing; color, deep orange; excellent for table. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; 1 lb., 90c.



CARROTS.

Guerande, or Ox-heart. It is intermediate between Danvers and Short Horn varieties, growing to the diameter of 3 to 4 inches. At the New York experiment station this yielded one-third more than any other variety tested, beside 25 leading varieties. It can be pulled by hand without digging, and has yielded in Massachusetts at the rate of 35 tons per acre. Farmers will find this a profitable Carrot to grow for field culture. Pkt, 5c.; oz., 10c.; 1-4 lb., 25c.; 1 lb., 85c.

Short Horn. The standard early variety. Sweeter than Long Orange, and more solid; good to color butter. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; 1 lb, 85c. [Fig. 1.]

Improved Long Orange. Of a darker and richer color than Long Orange. Pkt., 5c.; oz., 10c.; 1-4 lb., 23c.; 1 lb., 70c. [Fig. 3.]

Danvers. Between Long Orange and Early Horn; smooth, of a rich orange color; is considered more profitable to raise than Long Orange; 20 to 30 tons to the acre under the best cultivation. Oz., 10c.; 1-4 lb., 25c.; lb., 80c. [Fig. 6.]

Large White Belgian. Largest of all and most productive. Good for horses; the whole can be pulled by hand. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. (Fig. 4.)

Intermediate. In many respects this is a superior variety to the Danvers, growing more bulk to the acre. A very handsome smooth variety. [See cut above.] Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 80c. [Fig. 2.]

CABBAGE.

They produce the best results on a strong soil, previously cultivated one year with corn or potatoes; seldom succeeding where following cabbage or turnips. The stronger the land the better they will head. Plow deep without turning up much poor subsoil, and manure liberally with well-rotted manure applying broadcast, lightly turning under or working well into the soil with a harrow. If sod ground is ploughed in the fall, manured at the same time with well-rotted manure or bone, the cabbage will give excellent results. A light dressing of guano, superphosphate, or bone ashes raked into the soil around the plant, assists in increasing the growth.

Early varieties may be set in rows 3 ft. by 2 ½; late varieties 3 ft. each way,

To destroy green worms, dissolve one oz. of saltpetre in 3 gallons of water, and apply with a broom or sprinkler; one application is sufficient, unless washed off by rains. It never colors the heads, either Cauliflower or Cabbage. For the small black flea, sprinkle air-slacked lime as soon as young plants appear above ground.

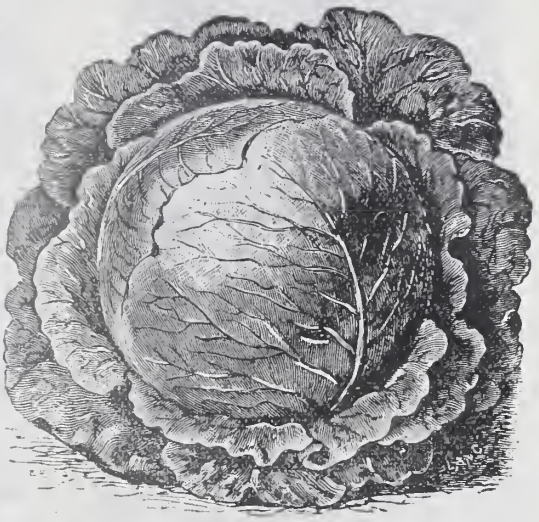
Sow the seed for the early varieties in February, March or April, in hot-bed, greenhouse or other suitable place, in boxes. When the second leaf appears, transplant from 1 to 2 inches apart, giving plenty of air and light, to avoid growing slim and tall. When the ground becomes warm and settled in April or May, transplant in the field in rows two to three feet apart, according to variety, setting plants 18 to 30 inches apart in the row, hoeing often till the leaves nearly cover the ground.

For late varieties, sow seed in open ground from first to 25th of May in this section, and transplant where they are to grow, dropping 3 to 5 seed in each hill, the last of May, or early in June, being careful not to let the weeds or insects overtake them. When of sufficient size, thin out all but one plant, keeping the ground well cultivated.

WARREN STONE MASON.

All Seasons. This variety is equal to Henderson's Summer in earliness, producing heads one-third larger. Very solid, thick, and when grown late, makes an excellent winter cabbage, adapted to early fall, winter or spring marketing. Its quality is equal to any Drumhead variety. Packet, 10c; oz., 25c.; 1-4 lb., 75c; lb., $2.75. Stock direct from the introducer, No variety gives more general satisfaction.

Early Deep Head Brunswick. An improved Fottler's Early Drumhead, equally as early, deeper, thicker heads, making it of more value for market for both dealer and grower; is heavier and more solid, being of more value in winter keeping. Pkt., 10c.; oz., 20c.; 1-4 lb., 70c.; lb., $2.60.



CABBAGE ALL SEASONS.

Fottler's Early Drumhead. A week to 10 days later than Wiuningstadt, with large flat heads; select stock. Pkt., 5c.; oz., 20c; 1-4 lb., 65c.; lb., $2.20.

Warren's Stone Mason. An improved Stone Mason. In every respect superior and very popular with market men. A little later than Deep Head, forms a round, very solid head, keeping excellent for winter. One of the most profitable for winter use, and planted in preference to Flat Dutch. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.; lb., $2.75.

Early Winningstadt. One of the best for general use; very solid, of medium size, cone shape, maturing a few days later than the Wakefield. A remarkable cabbage for all kinds of soil. Pkt., 5c.; oz., 20c.; 1-4 lb., 60c.; 1 lb., $2.

IMPROVED JERSEY WAKEFIELD.

Improved Jersey Wakefield A favorite with gardeners in all parts of the country; early, good size and quality, very reliable for heading. This seed can be relied upon as equal to any offered; grown from fine specimens. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c; 1 lb., $2.75.

Filderkraut. The most solid variety grown; almost as hard as marble, and snre to head; short stump; good size. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.; 1 lb., $2.50.

Premium Flat Dutch. Grown from select stock. Large, late, excellent for winter and a standard in some sections. Pkt., 5c.; oz., 20c.; 1-4 lb., 50c.; lb., $2.00.

Henderson's Early Summer. Very popular, early, large flat-head, to follow Wakefield Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.; lb., $2.75.

Succession. A week later than Early Summer, double the size, valuable either early or late. Packet, 10c; oz., 25c; 1-4 lb., 75c.; lb., $2.75.

Marblehead Mammoth. The largest of all cabbages. Heads have been grown weighing 60 pounds. Pkt., 10c.; oz., 25c.; 1-4 lb., 80c.; lb., $3.

Perfection Drumhead Savoy. The best Savoy variety, large, thick, solid heads, compact and finely curved; a superior strain of the most tender and finest flavored of all cabbages. Pkt., 10c; oz., 25c.; 1-4 lb., 65c.; lb., $2.25.

PERFECTION DRUMHEAD SAVOY.

Low's Peerless. A cross between Fottler's Brunswick and Wakefield. Earlier and larger than Henderson's Summer. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.; lb., $2.50.

Early Etampes. An extra early cone-shaped variety. Pkt., 10c.; oz., 25c.; 1-4 lb., 65c.

Mammoth Rock Red. A large-growing, selected strain of late Red Cabbage. Heads will average 12 lbs. each. Pkt., 10c.; oz., 40c.

Blood Red Berlin. Very deep red, good size and short stump. Pkt., 10c.; oz., 30c.

Red Drumhead. Larger than Red Dutch; very solid and reliable for heading. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.; 1 lb., $2.70.

Blood Red Erfurt. Early variety of recent introduction. Pkt., 10c.; oz., 30c.

CUCUMBER.

Plant in warm, rich, sandy soil: in hills four feet each way. Place two shovelfuls of well-rotted manure in each hill; cover with soil lightly, planting 8 to 12 seeds in each hill, covering one-half inch deep. When well advanced, pull out, leaving four plants. Guano, phosphate, ashes, bone, are also good fertilizers when applied lightly in each hill. Dust with lime, plaster, or sling shot to protect from insects.

Peerless. Best strain of White Spine Cucumbers in cultivation; fine, perfect form, crisp; very productive. For early market or family use it is much valued. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 75c.

PEERLESS.

Early White Spine. A favorite market variety of medium size; deep green; flesh crisp and of fine flavor. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; 1 lb., 70c.

Boston Pickling. Used about Boston by market gardeners for pickles more than any other variety. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; 1 lb., 80c.

Early Cluster. A much-esteemed early sort, growing in clusters; extremely productive. [Fig. 1.] Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; 1 lb., 75c.

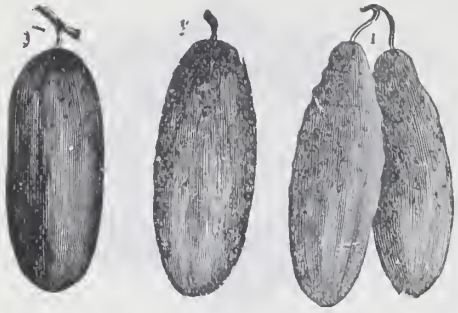
Long Green. A fine large fruit, of finest quality; excellent for pickles. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; 1 lb., 75c.

LIVINGSTON'S EVERGREEN.

Livingston's Evergreen. Very hardy and prolific; crisp, excellent for slicing; very early. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; 1 lb., 75c.

Chicago Pickling. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; 1 lb., 80c.

Nichol's Medium Green. As a pickle sort, Nichol's Medium Green will be found unequaled, and for early forcing purposes for slicing there is no better variety. It is exceedingly productive, medium size, always straight and smooth. The color is dark green, flesh tender and crisp. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; 1 lb., 75c.



Early Frame. An old and popular variety of medium size. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; 1 lb., 75c.
Green Prolific. One of the best varieties for pickling, and the most prolific. Uniform in size. Pkt., 5c.; oz., 10c; 1-4 lb., 25c.; 1 lb., 80c.
Snake. Grows 5 to 6 feet, coiled up like a snake. Pkt., 10c.

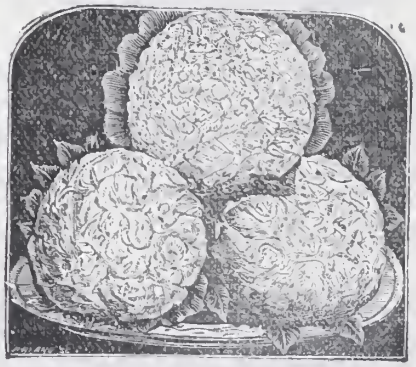
Add 8 cents per pound if sent by mail.

CRESS, OR PEPPER-GRASS.

A well-known, pungent salad. Requires to be sown thickly and covered very slightly, at frequent intervals, to keep up a succession, as it soon runs to seed.
Extra Curled. Very fine; may be cut two or three times. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 50c.
Water Cress. English. Plant along streams of water. Pkt., 10c.; oz., 50c.

CAULIFLOWER.

One ounce of seed will produce about 3000 plants. They require about the same treatment as cabbages. A good supply of manure is necessary to give a quick, healthy growth. In a dry season a liberal supply of water and liquid manure is very beneficial, applied two or three times a week. Set plants in rows 2½ feet apart by 2 feet in the row. In blanching, gather the leaves and tie loosely, or turn the leaves over the head and place a small stone to keep them in place.
Early Dwarf White Erfurt. An excellent variety, producing heads of large size; white, compact and tender. Pkt., 10c.; oz., $1.50.
Extra Early Paris. A well-known, excellent variety; very early and tender; is more inclined to give good results where other varieties fail. Pkt., 15c.; oz., 60c.; 1-4 lb., $2.



EARLY SNOWBALL.

Henderson's Early Snowball. Very early; dwarf, producing heads fine and white. One of the best for open ground and early forcing. Good size and very reliable for heading. Stock from the best strain. True. Pkt., 20c.; oz., $2; 1-4 lb., $7.50.
Italian Early Giant. This has given much satisfaction in past years. Stock is select and grows very fine, large white heads. Pkt., 15c.; oz., 30c.; 1-4 lb., $1.

SWEET CORN.

EXTRA EARLY WHITE CORY.

It requires one quart to 200 hills, one peck to plant an acre in hills, or 1 1-2 bushels in drills for fodder.

If by mail add 5 cents per pint or 10 cents per quart for Sweet Corn.

Early varieties may be placed in rows 3 feet by 2 or in drills 2 1-2 feet apart, thinning out to 10 or 12 inches. The late varieties, rows should be 3 to 3 1-2 feet apart; the hills 3 feet apart, or thinning out in drills to 12 inches apart. It is not best to plant till the ground becomes warm; here, 10th to 20th of May, and follow in succession every two weeks till July; or a succession of early, medium and late varieties can be planted all at the same time for a supply for the season. Cory, Shaker's Early, Potter's Excelsior, Evergreen, are four excellent sorts. Owing to cold and short seasons, Sweet Corn will not always ripen to germinate as well as the yellow varieties. For this reason it is better to plant two or three more kernels in a hill than are wanted to grow. In some seasons it is difficult to dry sufficiently for seed before cold weather approaches, and if frosted before thoroughly dry is liable to kill the germ; to be safe I would recommend always seeding one-third more than is required to grow, particularly with late varieties. Sweet corn seems more sensitive to cold weather than yellow varieties. Good seed, planted in cold wet weather, will often fail, when if planted later, in warm dry soil, all will germinate.

Extra Early White Cory. A selection of the Cory, having white cob and kernel, equally as early and much sweeter and better flavor. The best early sweet corn for family or market. Select stock of our own growing. Pkt., 10c.; pint, 15c.; qt., 25c.; pk., $1.25.
Burbank's Early Maine. Ripens with Cory, growth not so large. Pkt., 10c.; qt., 25c.; pk., $1.25.
Cory. About a week earlier than Early Marblehead; prolific; sweet. Pkt., 10c.; qt., 20c.; pk., $1; bu., $3.75.
Livingston's Evergreen. Two weeks earlier than Stowell's. Much liked by marketmen; very sweet; 10 and 12 rowed, handsome ears. Pkt., 10c.; qt., 25c.
Crosby's Early. An excellent second early variety. Pkt., 10c.; qt., 20c.; 1-4 bu., $1; bu., $3.50.
Early Minnesota. A standard second early variety. Pkt., 10c; qt., 20c.; 1-4 bu., $1; bu., $3.50.
Egyptian. Ears large. Ripening late. Sweet, prolific; demands a high price in market. Pkt., 10c.; qt., 20c.; pk., $1.25.
Farquhar Early. Sweet, very good early variety. Pkt., 10c.; qt., 25c.
Mexican Black. The sweetest and most tender of all varieties. Its color is not black till fully ripe; white when in the green state; 8 rowed, of medium size; medium to ripen; 2 and 3 ears on a stalk; very profitable for family or market. Pkt., 10c.; qt., 20c.; pk., $1.
Mammoth Sweet. Ears weighing nearly 2 pounds each. A very sweet corn for family use. Pkt., 10c.; qt., 25c.; pk., $1; bu., $3.50.
Potter's Excelsior. Considered the richest and sweetest flavored for table use. Matures after Minnesota. Pkt., 10c.; qt., 20c.; pk., $1.25.
Shaker's Early. To follow Cory is an excellent variety, ripening with Early Minnesota, while the ears are much larger; white and very sweet. Pkt., 10c.; qt., 25c.; pk., $1.25.
Stowell's Evergreen. A late variety of excellent quality, remaining longer in the green state than other kinds; Pkt., 10c.; qt., 20c.; 1-4 bu., $1; bu., $3.50.
Sweet Corn for Fodder. No. 1 quality. Per 1-4 bu., 60c.; bu., $2.

Ensilage and Fodder Corn.

Red Cob Ensilage. Largely grown in New England for silos. It has been well tested throughout the eastern and middle states by leading farmers for silo purposes, and many testimonials from over 20 of the most northern states (unsolicited) are published, giving the most favorable results, obtained also by experiment stations from several states. It makes a large growth; earlier than Blunt's Prolific; producing an abundance of leaves and ears. In any ordinary season, planted here about the 10th to the 15th of May. Will glaze many ears by the first week in September. The germinating qualities of some varieties often fail. This corn is tested, and seldom fails to germinate. Qt., 15c.; by mail, 30c.; pk., 45c.; bu., $1.50; 5 bu. lots, $7; 10 bu. lots, $12.50. Bags free for this variety.

RED COB ENSILAGE.

Sanford's White. Much planted in northern sections of New England for silos. It matures in 90 days or less, with a good growth of fodder and prolific in ears. The seed offered was grown in this section, and in three tests, 90 per cent germinates, giving it much value for seed to our northern farmers in Vermont, New Hampshire and New York. This is superior seed for northern farmers to southern grown stock. Pk., 60c.; bu., $2; 10 bu. lots, $1.75; bags for 2 bu., 20c. extra; 20 bu. lots, $1.50.
White Southern. Bu., $1.25; 10 bu. lots, $1.10.
Sweet Corn for Fodder. Composed largely of the large growing varieties. Pk., 60c.; bu., $2.

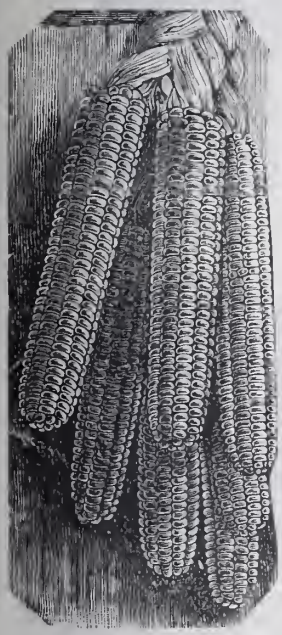
Corn for Field Culture.

Early Columbia Eight Rowed. Grown and improved by a practical farmer in this county, and considered one of the best and most prolific varieties. Ears 8 to 10 inches long; cob very small; often 2 or 3 ears on a stalk. Qt., 15c.; pk., 60c.; bu., $2.

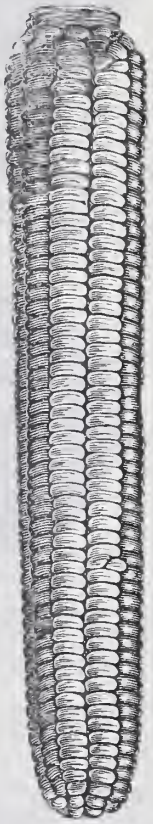
Canada Twelve Rowed. It is said no 8 or 12 rowed corn in this section will equal it for yield, 130 bushels having been grown in this county from one acre. A week later than the Columbia 8 rowed. Qt., 15c.; pk., 60c.; bu., $2.

Holden's Early Field. Popular among the farmers of the Connecticut Valley. Twelve ears, 30c.; 100 ears, $2; pk., 60c.; bu., $2. Vermont grown.

Redway's Early. A cross between Early Canada and Holden Eight Rowed, good sized ears and one of the earliest for our northern farmers; maturing in 90 days; planted May 20th can be cut 15th to 20th of August; grows 2 good ears on a stalk. Qt., 15c.; pk., 60c.; bu., $2.



EARLY COLUMBIA EIGHT ROWED.



SANFORD CORN.

Early Yellow Canada. Pkt. 5c.; qt., 15c.; pk., 75c.

Rice Pop Corn. One of the best varieties of pop corn. Price per ear, 5c.; 12 ears, 50c.; by mail add 3c. per ear; 30c. per doz; pkt., 10c.; qt., 35c.

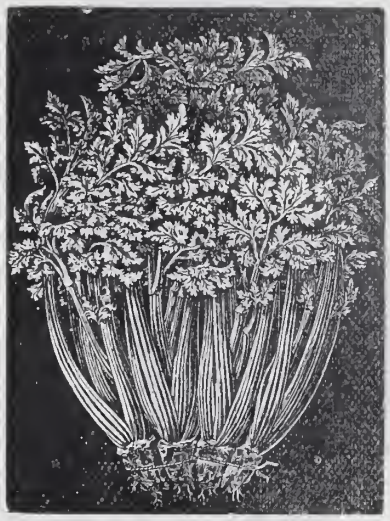
CELERY.

Sow seed in hot bed or boxes in March; when well up transplant in cold frame. In July transplant in shallow trenches or on level ground on highly manured soil, setting plants in rows 4 feet apart, and plants 6 inches apart. Or in a more mild climate, sow the seed in the open ground as soon as it is fit to work in April, and keep clear of weeds until the time of planting in June or July. About the middle of August begin the "earthing up" necessary for bleaching or whitening that which is wanted for use during the months of September, October and November. Labor can be saved in bleaching by placing boards 10 or 12 inches wide on each side of the plants, thus causing it to be dark and shaded around plants, its shade answering as mulching and causing a rapid growth, making the celery brittle and free from rust.

The leading varieties now grown are Golden Dwarf, White Plume, Golden Self-blanching and new Rose.

To store celery for winter, dig trenches eight inches wide, to admit of two rows, leaving tops after trenched about six inches below the top of the ground, cover the roots only a little, then cover with boards, adding leaves and six inches of soil to keep out frost during the winter, or it can be stored in the cellar in the same way, without covering the tops. Celery should be stored before severe frosts injure it, as hard freezing causes it to decay.

Golden Self-blanching. Solid, crisp, brittle, while it has the merit of being self-blanching, without banking up. The *heart* is large, solid, of a *rich, golden yellow*, a favorite among the best celery growers. An excellent keeper; select stock. Per pkt., 10c.; oz., 40c.; 1-4 lb.; $1.25; lb., $4.75.



CELERY, WHITE PLUME.

Golden Hearted Dwarf. Quite solid, fine flavor, free from rust, keeping in winter well. Pkt. 5c.; oz., 20c.; 1-4 lb., 60c.; lb., $2.00.

Giant Paschal. Grows 4 to 6 inches higher than New Golden, of which it is a sport, with large, solid stalks; recommended as an excellent celery. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.; lb., $2.50.

Boston Market. Dwarf branching, fine flavored, crisp and tender. Pkt., 10c.; oz., 30c.; 1-4 lb., 90c.

White Solid. A variety raised for New York market and considered by many one of the best. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.

Improved White Plume. Choice strain; the best early celery. The inner stalks and leaves are naturally white, and do not require earthing up like other varieties; tie the stalks together and draw a little earth about the plant is sufficient. It is a fair keeper, tender, good flavor and quite ornamental, extensively grown for market. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.; lb., $2.75.

New Rose. One of the best of the red varieties, very hardy. The red varieties are always crisp and fine flavored. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.

Turnip-rooted Celery. Large, smooth, turnip-shape; grown in nearly the same manner as celery. Pkt., 5c.; oz., 25c.

Celery Seed. For Flavoring. Oz., 10c.; lb., 40c.

CORN SALAD.

Seed sown in August protected by leaves during the winter, can be used in the spring very early; also sown in spring. Sow in rows same as lettuce. Per lb., 75c.; oz., 10.

DANDELION.

The dandelion resembles Endive and is cultivated for spring greens, or for blanching for salad. The roots when dried and roasted are often employed as a substitute for coffee. The seed should be sown in May or June in drills half an inch deep and one foot apart. The plants will be ready for the following spring use.

Improved Broad-leaf. The seeds from this variety has been saved from selected specimen plant, producing the largest and greatest amount of leaves to the single plant, single specimens prepared for market weighing over four pounds each. Nothing is more wholesome for greens than the Dandelion. Thousands of tons are now sold in the markets. Pkt., 10c., oz., 40c.; 1-4 lb., $1.25; lb., $3.50.

EGG PLANT.

The seed should be sown in hot beds the first week in April, care being taken to protect the young plants from cold at night. If no hot bed is at hand, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or boxes in the house.

New York Improved. A leading market variety; excellent and very productive. Pkt., 10c.; oz., 50c..

Long White. Ornamental, excellent quality. Pkt. 10c.; oz., 30c.

Black Pekin. Dark fruit and foliage. Pkt., 10c.; oz., 30c.; 1-4 lb., 75c.

ENDIVE.

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April.

Green Curled. Very hardy; leaves dark green, tender and crisp. Pkt., 5c.; oz., 20c.

HERBS.

No garden is complete without a few sweet or medicinal herbs, and pains should be taken to harvest them properly. This should be done on a dry day. Dry quickly, and pack closely, keeping them entirely excluded from the air. Sow in in spring in shallow drills one foot apart.

Anise. Pkt., 5c.; oz., 15c. **Belladonna.** Pkt., 5c. **Caraway.** Pkt., 5c.; oz., 10c. **Coriander.** Pkt., 5c.; oz., 10c. **Dill.** Pkt., 5c.; oz., 15c. **Hoarhound.** Pkt., 5c.; oz., 40c. **Lavender.** Pkt. 5c.; oz., 10c. **Marjoram.** (Sweet.) Pkt., 5c.; oz., 30c. **Saffron.** Pkt., 5c.; oz., 15c. **Sage.** Pkt., 5c.; oz., 15c.; 1-4 lb., 50c.; lb., $1.75. **Summer Savory.** Pkt., 5c.; oz., 20c.; 1-4 lb., 70c. **Thyme.** Pkt., 10c.; oz., 40c. **Wormwood.** Oz., 40c.

KOHL RABI.

KOHL RABI.

Intermediate between the cabbage and turnip. Sow in June in rows 18 inches apart, thinning out to eight inches between the plants. Being difficult to transplant, is preferred to sow the whole crop from seed, and thin out where it stands.

Early White Vienna. Flesh white and tender; the best sort; excellent for table use. Pkt., 5c.; oz., 20c.; 1-4 lb., 60c.; lb., $2.

Large Early Purple. Pkt., 5c.; oz., 15c.; 1-4 lb., 40c.

LEEK.

Choose good onion soil, manure liberally, and plant in April in drills 4 to 6 inches deep, 18 inches apart, and thin to 9 inches apart. Hoe earth around the plants until the drills are filled level with the surface. Pull for use in October. To be used in soups or boiled as asparagus. One ounce to 1000 plants.

American Flag. A fine variety. Pkt., 5c.; oz., 20c.; 1-4 lb., $1.

LETTUCE.

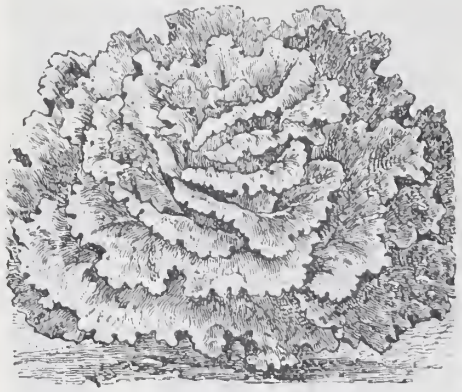
For successive crops, sowing may be made in the open ground as early as spring opens until July, in boxes in the house or in cold-frame, transplanting in the open ground as soon as the weather becomes settled.

For forcing, sow in July or August, transplanting when second leaves appear in cold-frames, if wanted in winter or early spring, protect by a covering of straw or glass. For early spring use, sow in February in hot bed or greenhouse.

Early Curled Simpson. This variety, properly speaking, does not head, but forms a compact, close mass of leaves; the earliest leading market sort, and one of the very best for family use, always crisp and tender. Pkt., 5c.; oz., 20c.; 1-4 lb., 40c.; lb., $1.50.

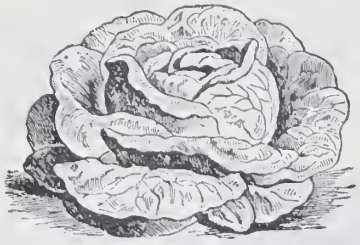
Black Seeded Simpson. Larger than Curled Simpson, and a good summer variety. Pkt., 5c.; oz., 20c.; 1-4 lb., 40c.; lb., $1.50.

Boston Curled. A standard in the Boston market. Pkt., 5c.; oz., 20c.; 1-4 lb., 50c.



EARLY CURLED SIMPSON.

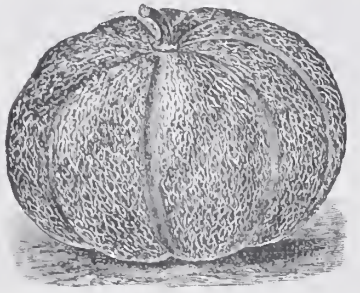
Tennis Ball. Black seed. Forms a close, hard head, with few outer leaves; a favorite forcing variety. Pkt., 5c.; oz., 20c.; 1-4 lb., 40c.; lb., $1.50.
Hanson. Heads grow to a remarkable size, and are deliciously tender and crisp, grow in compact heads, like cabbage. Pkt., 5c.; oz., 20c.; 1-4 lb., 40c.; lb., $1.50.
New York. Very large; late in running to seed; solid heads; crisp. Pkt., 10c.; oz., 20c.; 1-4 lb., 50c.
Buttercup. New, for winter or summer, one of the best. Quite distinct, very solid heads, very tender. Pkt., 5c.; oz., 20c.; lb., $1.25.



BUTTERCUP LETTUCE.

Boston Market. White seeded. One of the earliest heading varieties, largely grown about Boston for market under glass and in open ground; from prime stock. Pkt., 5c.; oz., 20c.; 1-4 lb., 40c.; lb., $1.50.
Satisfaction. Very tender; remains in head a long time. Pkt., 5c.; oz., 20c.
Perpetual. Form compact; leaves 20 inches across, remaining tender several months. Pkt., 5c.; oz., 20c.
Arlington Market. The finest for forcing under glass. Select stock. Pkt., 10c.; oz., 35c.; lb., $3.

MELON, MUSK.



MONTREAL MUSK.

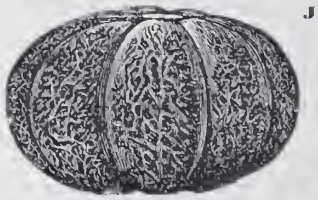
The hills should be 6 feet apart each way. Mix well with the soil in each hill about 2 shovelfuls of thoroughly rotted manure. Plant about the 15th of May, and when well up thin out to 3 or 4 of the most promising plants. A light sprinkling of phosphate when well up, applied just before a rain, will increase their growth. Pinch off the leading shoots as the growth becomes too luxuriant. Thin out when young, which will increase the size of those remaining, and cause them to ripen earlier. One ounce will plant 30 hills.

Add 8 cents per pound if sent by mail.

Golden Gem. Nearly round. Very thick flesh, light green; inside rich yellow; quality superior and the earliest to ripen. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 90c.
Montreal Improved Green Nutmeg. Popular in the northern latitudes with marketmen. Nearly round, growing large, 15 to 25 pounds each; thick flesh, fine flavor. Very attractive in market. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 90c.
Large Yellow Musk. A very large variety; deeply ribbed and thickly netted; flesh salmon yellow. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 65c.

HACKENSACK.

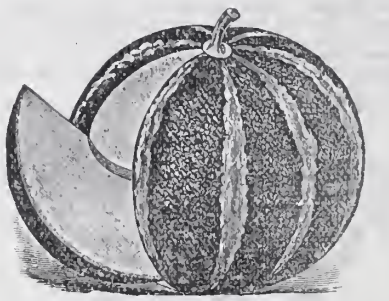
New Early Hackensack. Deeply netted and ribbed; flesh green; fine flavor and very productive; a favorite with market gardeners. Pkt., 5c.; oz., 10c.; 1-4lb. 25c.; lb., 90c.
Nutmeg. Nutmeg shaped; skin deep green; finely netted, flesh greenish-yellow, rich and sugary. One of the sweetest and finest melons. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 80c.



JENNY LIND.

Jenny Lind. Very small, early variety; flattened at the ends, of fine quality for family garden or an early market melon. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 85c.

Large Yellow Cantelope. Flesh reddish orange, sweet and of good flavor; an early and productive variety. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 85c.



EMERALD GEM.

Emerald Gem. Distinct and deliciously flavored; very early and prolific. One of the best flavored melons grown, with a skin which is ribbed but smooth; thick; of suffused salmon; sweet and delicious; thick-meated; yields but little seed. Pkt. 5c.; oz., 10c.; lb., 90c.
Miller's Cream. Flesh, salmon color, sweet and melting; so very thick that the melon is almost solid, the seed cavity being small. Rind thin, but little netted; the vine is a strong grower, and very productive. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 80c.

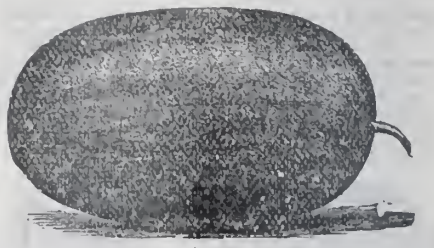
MELON, WATER.

Cultivate the same as Musk Melon, plant 8 feet apart. One ounce will plant 20 hills.

Add 8 cents per pound if sent by mail.

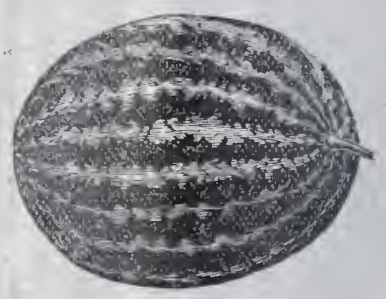
Cuban Queen. Its size, productiveness, color flavor, thin skin and superior shipping qualities, render it celebrated. Very solid and grows to a great size. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 75c.

The Boss. Perfect in shape, color and size; flavor unsurpassed; flesh, deep scarlet; ripens early and is very productive. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 75c.



VICK'S EARLY.

Vick's Early. Of medium size, oblong and smooth; highly prized for its earliness; flesh, bright pink, sweet and solid. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 75c.
Mountain Sweet. Large size, longish oval; dark green, red-fleshed, excellent quality. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 75c.
Rattlesnake. Long striped, red flesh; fine quality; excellent for market. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 75c.



WATERMELON, STOKE'S EXTRA EARLY.

Kolb Gem. A favorite in the south, oval, striped; excellent shipper. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 75c.
Ice Cream, or Peerless. Form nearly round; flesh white, sweet and tender; an excellent early variety. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 70c.
Black Spanish. Skin dark green, flesh red. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c; lb., 65c.
Citron. Round, of small size, used in making preserves. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 65c.
Watermelon, Stoke's Extra Early. The earliest of all. The illustration shows its shape, which is nearly round, dark green skin, slightly mottled. The flesh is scarlet, remarkably solid, of delicious sugary flavor. The average weight is about 15 pounds. The seed is small, about one-half the size of other melon seeds; more productive than the larger sorts. Pkt., 10c.; oz., 20c.; 1-4 lb., 40c.; lb., $1.25.

My selection of 6 varieties Musk and Watermelon, 3 packages each, for 25 cents (6 in all).

MUSTARD.

A salad used sometimes with cress. Sow thickly in rows, and cut when about 2 inches high. For a crop of seeds, sow in April, in drills a foot apart, and thin out moderately when about 3 inches high.

White London. Best for salads. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 40c.

ONIONS.

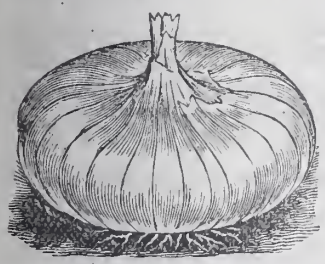
Apply 8 to 12 cords of manure per acre; plow thoroughly about 5 inches deep, and work manure well into the soil. The onion often thrives best when cultivated on the same ground for successive years. As early in the spring as the ground is in working order, level with a rake and roll it firmly; sow in drills about a quarter of an inch deep and 1 foot apart; cover and press the soil with a light roller. It requires *five pounds of seed to sow an acre;* 1 ounce will sow a bed 4 1-2 by 25 feet in drills 12 inches apart. It is beneficial to spread broadcast over the onions, while growing, a mixture of ashes and bone meal, 5 to 10 hundred pounds per acre. One-third more per acre and better onions for market can be grown by sowing thickly and thin out, leaving as close as 1 inch apart to mature. Experiments have

proved that firmly packed sandy soil will yield more onions than loose, pulverized soil.

Add 8 cents per pound if sent by mail.

EARLY RED GLOBE.

Yellow Globe Danvers. Grown for my trade in the onion district of Massachusetts, from selected onions. The illustration represents its form. The most profitable variety to grow, yielding from 600 to 800 bushels per acre very early. Pkt., 5c.; oz., 25c.; 1-4 lb., 65c.; lb., $2.50; 5 lb., lots, $11.25.



EXTRA EARLY PEARL.

Extra Early Pearl. The earliest of all; pearly white, growing almost as rapidly as a radish; flat; mild flavor; good keeper; a remarkable onion. Pkt., 10c.; oz., 35c. 1-4 lb., 95c.; lb., $3.50.

White or Silver Skin. (True.) White, early, delicate; the best for pickling; largely grown for sets. Pkt., 5c.; oz., 25c.; 1-4 lb., 70c.; lb., $2.50.

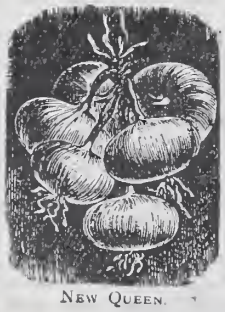
WHITE SILVER SKIN.

Yellow Dutch. A good keeper and well flavored. Pkt., 5c.; oz., 20c.; 1-4 lb., 60c.; lb., $2.25.

White Globe. As large as Yellow Danvers; a good keeper and of fine flavor. Pkt., 5c.; oz., 30c.; 1-4 lb., $1.10.; lb., $4.

New Queen. An excellent variety; is remarkable for its keeping qualities and rapidity of its growth. Pkt., 5c.; oz., 25c.; 1-4 lb., 70c.; lb., $2.50.

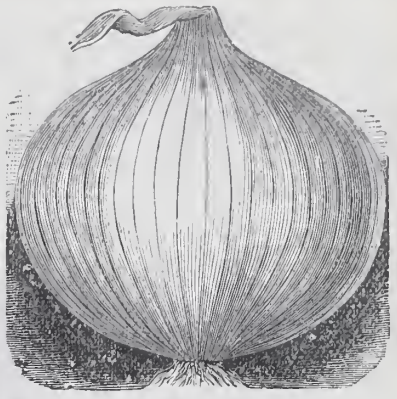
Southport Yellow Globe. A little later than Globe Danvers; nearly round; mild and pleasant; a good keeper and very productive. A favorite in New York market. Pkt., 5c.; oz., 25c.; 1-4 lb., 70c.; lb., $2.50.



NEW QUEEN.

Early Red Globe Danvers. One of the earliest and most productive of the red varieties. A more sure cropper than most others, earlier than Yellow Globe Danvers, always gives satisfaction. Pkt., 5c.; oz., 20c.; 1-4 lb., 60c.; lb., $2.25.

Weathersfield Large Red. Of large size. Deep red in color and an excellent keeper. Pkt., 5c.; oz., 20c.; 1-4 lb., 60c.; lb., $2.25.



SPANISH KING.

Spanish King, or Prize Taker. This wonderful variety has been largely tried in about every state, and reports praise its large size, fine shape, immense yield, growing to weigh from 1 to 4 pounds each, yielding as high as 2000 bushels per acre. Yellow skin, flesh white, mild, tender and sweet; good to bottom, free from large necks, and have produced more onions per acre than any other variety; attracts attention in market. To obtain best results sow early under glass and transplant in open ground. Pkt., 10c.; oz., 25c.; 1-4 lb., 80c.; lb., $3.00.

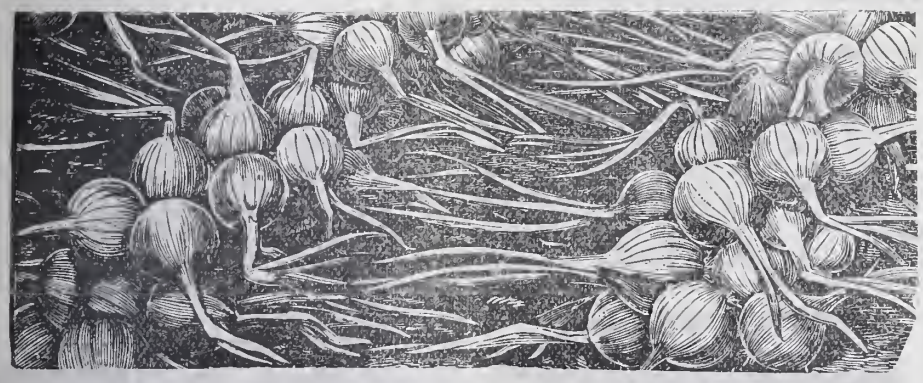
ITALIAN ONIONS.

Italian Onions. These onions are grown with equal success north, east, south and west, commanding large prices in the markets, and succeed in all parts of the United States. They are of delicate flavor, sweet and quite mild, and grow rapidly from seed the first year. More money has been realized from them in many sections than the ordinary American varieties, but are not as good keepers, selling readily in the summer and autumn at good prices; they yield in some sections from 800 to 2000 bushels per acre when started early and transplanted.

New book on Onion Culture. Price by mail 50 cents.

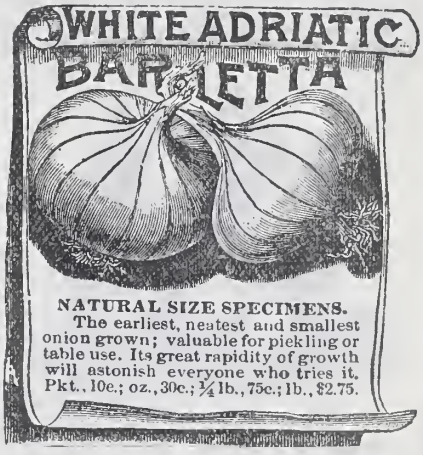
Giant Rocca, of Naples. Mild, delicate flavor, immense size, handsome, globe shape light, reddish-brown skin. *Giant Rocca Onions* have been grown to weigh 1 1-2 to 1 3-4 lbs. each, from seed sown in the spring. Pkt., 5c.; oz., 25c.; 1-4 lb., 50c.; lb., $1.75.

Giant Red Rocca. Of large size, mild flavor, handsome shape and appearance, outer skin red, flesh white. Pkt., 10c.; oz., 20c.; 1-4 lb., 50c.; lb., $1.75.



Yellow Globe Danvers Onion; Field Culture. This illustration represents them as grown in the field from my seed. Price, lb., $2.50; 5 lb. lots, $11.25. Add 8 cents per lb. when sent by mail.

All Onion growers know the best seed is none too good, and it is therefore of the utmost importance that they provide the best to realize a large crop. The greatest care is used in selecting the most perfect bulbs with small necks for seed stock and many customers have remarked that my strain of Yellow Globe Danvers produced equal and in some cases better results than other seed sold for double the price. Onion seed crop is again exceedingly short this year through all onion sections and price may advance later in the season. I would advise early orders at above prices.

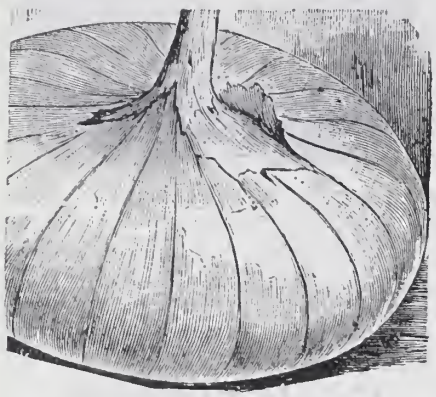

WHITE ADRIATIC
BARLETTA
NATURAL SIZE SPECIMENS.
The earliest, neatest and smallest onion grown; valuable for pickling or table use. Its great rapidity of growth will astonish everyone who tries it.
Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., $2.75.

Neapolitan Magglajola. Large, beautiful, white skinned, handsome, flat shaped, fine flavor and quality. Sown in April, it will produce a splendid crop early in the season. Seed sown in May will mature a crop the same season. Pkt., 5c.; oz., 20c.; 1-4 lb., 50c.; lb., $1.75.

Giant White Italian Tripoli. Large size, beautiful form, white skin. The first season from the black seed it will grow an onion from 1 to 1 1-2 lbs., but to attain the full size, sow early under glass and transplant in open ground in April or May. Pkt., 10c.; oz., 25c.; 1-4 lb., 60c.; lb., $2.

Silver Ball or Giant White Rocca. One of the handsomest varieties. Sells readily in market, in competition with the finest onions imported from Spain and Italy, that command high prices. Globular in shape, silvery skin; flesh white; flavor mild and delicious. Pkt., 10c.; oz. 20c.; 1-4 lb., 60c.; lb., $2.

Mammoth Silver King. (White Garganus, or White Victoria.) Single onions of this variety, grown from seed the first season, have weighed 3 lbs. Matures early, white skinned and white fleshed; shape flat; mild and delicate flavor. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.; lb., $2 75.



SILVER KING OR WHITE FLAT MAMMOTH ONION.

New Mammoth Pompeii. (Red Garganus.) A fine Italian variety, rivalling the large Silver King in weight. It has produced onions weighing 4 to 5 lbs. each. Skin delicate red; flesh close grained, nearly white, very mild. This variety, if sown early and transplanted in April, will attain a larger size. Pkt., 10c.; oz., 25c.; 1-4 lb., 70c.; lb., $2.50.

ONION SETS.

The Potato and Top onion are grown only from bulbs. The Potato Onion is increased only by the bulb splitting and dividing itself into six or eight smaller bulbs, which in turn form the sets to plant for the next crop. The Top Onions form clusters of small bulbs on the stem, which are broken apart and planted in the same manner as the sets above referred to.

Add 10 cents per quart if sent by mail.

Potato Onions. The earliest of all onions, and the most profitable for the market gardener, being ready for market in 5 or 6 weeks from time of planting; to be tied in bunches in the green state. Six weeks in advance of top or white onion sets. Qt., 20c.; pk., $1; bu., $3.50.

POTATO ONIONS.

Potato Onion Seed. Pkt., 10c.; oz., 30c.
Top or Button Onions. Maturing just after the Potato onion has gone by; good size and keeps well. Qt., 25c.; pk., $1.50.
White Sets. Qt., 25c.; pk., $2; bu., $7.
Yellow Sets. Qt., 30c.; pk., $1.75; $6. Bushel rates vary according to season; please write for terms.
White Multiplier. Qt., 30c.; pk., $2.00.

OKRA, OR GUMBO.

The long pods of this vegetable, when young, are used in soups, stews, etc., and are believed to be very nutritious. Sow at the usual time of all tender vegetables, in drills 2 inches deep, in rows from two to three feet apart. Pkt., 5c.; oz., 10c.

Improved Dwarf Green. Early and productive. Lb., 50c.
Long Green. Long ribbed pods. Lb., 50c.

PARSLEY.

Parsley succeeds best in a rich, mellow soil. As the seed germinates very slowly it should be sown in spring, previously soaking for a few hours in tepid water; sow thickly in rows a foot apart and half an inch deep; for winter use protect in a frame or light cellar.

Carter's Champion Moss Curled. The best for garnishing. Pkt., 5c.; oz., 10c.; lb., 60c.

PARSLEY, MOSS CURLED.

Double Curled. A fine dwarf variety, beautifully curled; excellent for garnishing. Pkt., 5c.; oz., 10c.; lb., 60c.
New Perpetual. Extra curled, remaining a longer time without going to seed than other varieties. Pkt., 5c.; oz., 15c.

PEAS.

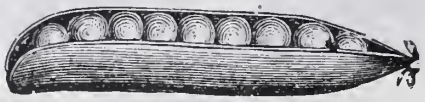
Sow in moderately rich ground. A few days can be gained by sowing in moist sand in a box; when sprouts are an inch long sow in drills. The pea does best if sown as early as soil can be worked; the tall, late sorts will bear more freely by pinching tops back when well in bloom; repeated sowings once in two weeks will insure a regular supply. For dwarf varieties needing no stakes, sow in single rows about 2 inches deep and about 1½ feet apart; for tall varieties requiring stakes, sow in double rows about 3 to 4 feet apart, according to variety, and 3 inches deep.

Add 15 cents a quart if sent by mail.

For succession of crops sow Excelsior, Improved Gem, Dwarf Champion and Perpetual.

Extra Early.

Excelsior. As an early market or family pea this stands first among the early varieties. It grows about 24 inches high, producing large, well filled pods, from five to eight peas in a pod; when ripe are nearly round; of a yellowish white color; very sweet and fine flavored. For market gardens this is as early, if not the earliest, and most productive large podded variety of smooth pea grown. Sown on the 10th to 25th of April, usually are ready for market from the 9th to 13th of June; from six to ten days earlier than American Wonder. This seed I grow largely for market gardeners' trade. For family gardens it is also extensively planted. Being grown at the north it should produce better results than seed grown farther south. Pkt., 10c.; pt., 15c.; qt., 30c.; pk., $1.25; bu., $4.50.



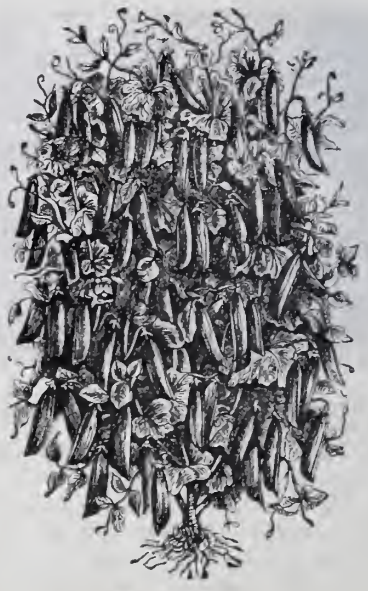
EXCELSIOR.

Improved Gem. To those who wish a variety more prolific than American Wonder, three to five days later, growing 5 inches taller, and equally as good flavor, I can recommend this as a variety that will please the family or market gardener, and no doubt one of the most productive early wrinkled peas in cultivation. This strain is grown with care to meet the demand as a prolific, fine flavored, early wrinkled pea. Eight to ten days later than Excelsior for market or family. Pkt., 10c.; qt., 30c.; 2 qts., 50c.; 4 qts., 85c.; pk., $1.40; bu., $4.75.

IMPROVED GEM.

American Wonder. The earliest wrinkled pea, about 10 inches high, of superior flavor, and productive on heavy soil; on light, sandy soil in dry weather not as productive. Pkt., 10c.; qt., 25c.; pk., $1.50; bu., $5.50.
Early Vermont. A new first early pea, originating from careful selections of Improved Dan O'Rourke and First and Best; of much promise for early market and family use. Pkt., 10c.; qt., 30c.; pk., $1.50.
Improved Dan O'Rourke. A standard early variety for market or house use, growing about 2 feet high; pods good size and well filled. Productive and of good quality. Pkt., 10c.; qt., 25c.; pk., $1.50; bu., $4.75.
First and Best. Very early, productive market or family pea. Pkt., 10c.; qt., 25c.; pk., $1.40; bu., $4.50.
McLean's Little Gem. A dwarf, green, wrinkled variety; very prolific, ripens a few days after American Wonder. 1 foot high. Pkt., 10c.; qt., 25c.; pk., $1.50; bu., $5.
Alaska. One of the first early, 2 feet high. Pkt., 10c.; qt., 25c.; pk., $1.25; bu., $4.50.

Second Early Varieties.



DWARF CHAMPION OF ENGLAND.

Abundance. A branching variety 15 inches high, wrinkled, fit for the table two weeks later than American Wonder. Pkt., 10c.; qt., 25c.; pk., $1.50; bu., $5.

Early Marblehead Marrowfat. It is a great yielder, remaining a long time in bearing; long plump pods, ripens second early or a week to ten days earlier than Black-Eyed Marrowfat. Pkt., 10c.; qt., 35c.

Dwarf Champion of England. A remarkable pea for market gardeners, very popular on Long Island. I think this will produce more pods than any other variety; peas very large, of rich flavor, wrinkled. No second early peas on the list equal it for productiveness, good flavor and for market, and I think it the most profitable. It grows about 30 inches high, not necessary to bush, and is two weeks earlier than old Champion of England, producing double the amount of peas. Out of 25 varieties tested on my trial grounds none equal this. Pkt., 10c.; qt., 30c.; 2 qts., 50c.; 4 qts., 90c.; pk., $1.50; bu., $5.50.

Cleveland's Advancer. An improved select strain of McLean's Advancer, recognized in New York markets as superior to the ordinary variety. This follows the Improved Gem in maturing for the table, wrinkled, growing about 2½ feet high; a good and profitable second early variety. Pkt., 10c.; qt., 25c.; pk., $1.40; bu., $4.50.

Telephone. A second early, large podded, wrinkled variety. Pkt., 10c.; qt., 30c.; pk., $1.50; bu., $5.

For General Crop.

Perpetual. Maturing just after the Advancer, continues until cut by frost. It requires no bushing, grows 24 inches high; branching habit; seed wrinkled. Good for family use. Pkt., 10c.; qt., 30c.; pk., $2.

Stratagem. Good flavored and esteemed by all, wrinkled, hardy and prolific; large, handsome pods, well filled; growing 15 inches high. Pkt., 10c.; qt., 30c.; pk., $1.50; bu., $5.50.

It is often difficult to get seed of this variety to germinate over 60 or 70 per cent at any season.

Bliss' Everbearing. A branching, everbearing variety to follow as a late pea. Pkt., 10c.; qt., 30c.; pk., $1.65.

Champion of England. An old variety and highly valued; many of the newer varieties now surpass it in yield, flavor and growth; 5 feet high. Pkt., 10c.; qt., 25c.; 2 qts., 40c.; 4 qts., 75c.; pk., $1.25; bu., $4.

Black-Eyed Marrowfat. Very extensively grown as a field pea, hardy and productive; 4 feet high. Pkt., 7c.; qt., 15c.; pk., 65c.; bu., $2.20.

Dwarf Sugar. Edible pods, of good quality shelled, 3 feet high. Pkt., 10c.; qt., 35c.

PUMPKIN.

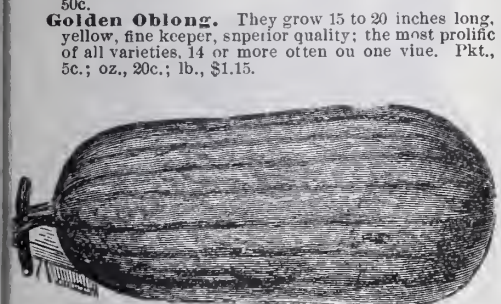
They are usually planted in fields of corn or potatoes, but may be grown in fields by themselves. Sow the 1st of May in hills 8 feet apart. The mammoth varieties are of little value, grown mainly as a curiosity for large size, which requires care and rich soil; but one or two pumpkins on a vine and one vine in a hill.

Cheese. The best variety for cooking purposes. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

Large Field. Very productive, and largely grown for feeding stock. Pkt., 5c.; oz., 10c.; lb., 30c., by mail, 38c.

Mammoth Michigan. Grows to immense size, soft shell, and excellent for stock feeding; often weighing 100 pounds. Pkt., 10c.; oz., 25c.; ¼ lb., 50c.

Golden Oblong. They grow 15 to 20 inches long, yellow, fine keeper, superior quality; the most prolific of all varieties, 14 or more often on one vine. Pkt., 5c.; oz., 20c.; lb., $1.15.



GOLDEN OBLONG PUMPKIN.

Mammoth Potiron. This has a showy red skin; flesh very thick; in quality is equal to any of the Mammoth class of pumpkins, whose chief value is for stock feeding rather than for table use. The true Mammoth variety growing the largest, weighing from 100 to 225 pounds. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.

MAMMOTH POTIRON PUMPKIN.

POTATOES.

Most of my seed stock is grown in this state from 50 to 150 miles north by experienced cultivators, in soil best adapted to the most healthy tubers, giving it a hardy, robust nature; being grown in a northern latitude, will produce earlier results and larger crops than seed grown from a more mild climate. Turn pasture land or sod ground in autumn, at the same time manure broadcast with well rotted manure or ground bone and ashes, applying a little phosphate in each hill in the spring; or if no manure is at hand, apply 800 to 1000 pounds of phosphate broadcast in early spring, and 500 pounds per acre in hill at the time of planting. Potatoes may be planted in rows 3 feet each way, or in drills 15 to 18 inches apart making rows 3 feet apart. Various opinions as to quantity of seed per acre are recommended. Plant 2 to 4 eyes in a hill, if in drills, or use one-half or a whole potato in a hill if 3 feet apart each way.

New Queen. One of the most promising early potatoes to follow Extra Early Triumph is New Queen. It has been well tried throughout the east and west, yielding heavy crops of handsome potatoes, is large, closely resembles Early Hebron and is said with an equal chance will out-yield any other early potato; smooth, oblong shape, very handsome. One party writes he grew 22 bushels from 1 peck, another writes he grew 90 pounds from 1 pound, another 30 barrels from 1 barrel. Lb., 15c.; by mail, 3 lbs., 50c.; 7 lbs., $1. By express, pk., 50c.; bu., $1.50; bbl., $4.25.

If by mail add 8 cents per pound.

NEW QUEEN.

Extra Early Triumph. This is the earliest potato on my list; maturing for market 10 days in advance of Hebrons, Vermonts, Rose, Savoy, Queen. Its demand last year exceeded several hundred bushels more than the supply. It is the main market variety planted at the south and Bermuda for shipping the first early potatoes north, its entire crop being harvested before Early Rose are ready for market. Maturing so early, escapes the rot and potato bug. Is attractive in appearance, being bright red; cook dry; one of the best of keepers. Lb., 15c.; pk., 50c.; bu., $1.50; bbl., $4.25.

Early Six Weeks. At six weeks from planting, potatoes are as large as hens' eggs; matures in 72 days. It grows medium to large size, oblong to round, skin light pink, very smooth, shallow eyes, and a remarkably good yielder for so early a variety. Lb., 15c.; 4 lbs., 50c.; pk., 50c.; bu., $1.75.

Extra Early Philadelphia. One of the best, earliest and most productive, all things considered, of any variety on the list. Tubers oblong, uniform, good size, smooth; skin white, with pink shade. First quality as a table potato and very productive. Lb., 20c.; 3 lbs., 50c.; pk., 50c.; bu., $1.75.

Early Beauty of Hebron. Similar in shape to the Early Rose; almost white with faint rose tint; more prolific; generally of better quality. Quoted in our large markets as a leading variety. Lb., 15c.; pk., 50c.; bu., $1.50; bbl., $4.

EXTRA EARLY PHILADELPHIA.

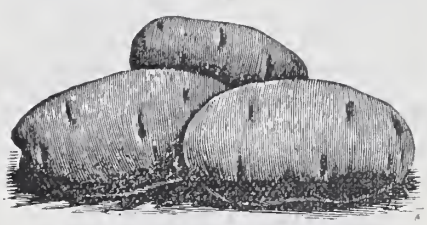
Early Durham. It has been widely distributed over the potato growing districts, and among the state experiment stations, holding its own as a field variety, or a general early potato for garden culture. It is a few days earlier than Early Rose, very smooth, of a rose colored skin, and when boiled or baked, has almost the texture of flour. Lb., 15c.; pk., 50c.; bu., $1.50; bbl., $4.50.

Early Rose. A standard early market variety in many sections; too well known to require description. Lb., 15c.; pk., 40c.; bu., $1.35; bbl., $4.25.

Early Maine. Seedling of Early Rose; its earliness, yield and quality are among the best; resembles the Early Rose, yielding one-fourth more. Lb., 15c.; pk., 40c.; bu., $1.50; bbl., $4.50.

White Elephant. Tubers large, long, white, and very productive, of fine quality, ripening just after Early Rose. Lb., 15c.; pk., 40c.; bu., $1.35; bbl., $4.25.

Pearl of Savoy. A cross between Early Vermont and Clarke's. Color nearly like Early Rose; eyes not prominent; uniform in size and shape. Lb., 15c.; pk., 50c.; bu., $1.50; bbl., $4.50.



EARLY VERMONT.

Extra Early Vermont. A standard very early potato, yielding one-third more than Early Rose; 3 to 5 days earlier; remarkably smooth and fine appearance; similar in color to Early Rose; a favorite wherever tried. Lb., 15c.; pk., 40c.; bu., $1.35; bbl., $4.25.

Early Oxford. Similar to Early Rose in shape and color; yields one-third more. Lb., 15c.; pk., 50c.; bu., $1.50.

Harbinger. From a seed ball of the New Queen. A late field variety, long, rather flat, very smooth, pure white, strong grower. Lb., 15c.; pk., 50c.; bu., $1.50.

Add 8 cents per pound if sent by mail, unless noted.

For the benefit of those who wish to try the above varieties, I will send

	BY EXP'S	BY MAIL
1 lb. **Extra Early Triumph,**	15	23
1 " **Early Hebron,**	15	23
1 " **White Elephant,**	15	23
1 " **Queen,**	15	23
1 " **Early Durham,**	15	23
1 " **Early Maine,**	15	23
	90	1.38

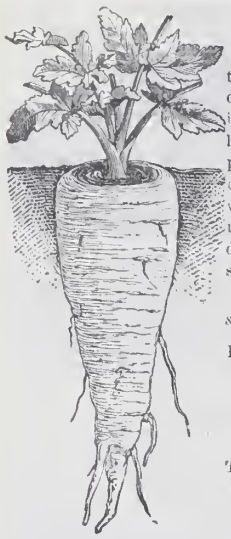
One pound of each above 6 varieties, by express, for 70c., by mail, $1.15, or the following 6 varieties, viz.:

	BY EXP'S	BY MAIL
1 lb. **Extra E. Philadelphia,**	20	28
1 " **Early Six Weeks,**	15	23
1 " **Early Albino,**	15	23
1 " **Early Oxford,**	15	23
1 " **Harbinger,**	15	23
1 " **Early Vermont,**	15	23
	95	1.43

The above 6 varieties by express cost 95c., and will send 1 pound of each for 75c., or by mail $1.25.

The entire collection of 12 varieties by express:

1 lb. of each 12 varieties,	$1.20
2 lbs. " " "	2.20
3 " " " "	2.80
4 " " " "	3.40
5 " " " "	3.75



LONG SMOOTH PARSNIP.

PARSNIP.

Sow as early in spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. Unlike carrots, they are improved by frost, and it is usual to take up in the fall what are wanted for winter use, and leave the rest to be dug up as required in the spring.

Add 8 cents per pound if sent by mail.

Long Smooth, or Hollow Crown. Best for general use. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 60c.

The Student. A fine flavored variety. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 60c.

PEPPER.

Grown largely for pickles. Sow in a hot-bed in March or early in April, and transplant in the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows 18 inches apart. They may also be sown in the open ground when all danger of frost is passed, and the soil is warm and settled.

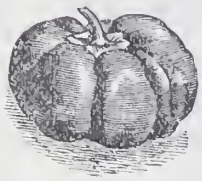
Sweet Mountain. More largely grown than other varieties; large size and mild; used for making stuffed pickles. Pkt., 5c.; oz., 25c; 1-4 lb., 75c.; lb., $3

Cherry. Small, smooth, round, productive. Pkt., 10c; oz., 30c.

Spanish Monstrous. Six inches long, 2 inches in diameter. Pkt., 10c.; oz., 25c.; 1-4 lb., 85c.

Red Chili. Small cone shaped; very hot; best for pepper sauce. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.

SWEET MOUNTAIN PEPPER.



BELL OR BULL NOSE PEPPER.

Large Bell or Bull Nose. An early variety, of mild flavor; rich, thick and fleshy, a favorite for pickling. Pkt., 5c.; oz., 25c.; 1-4 lb., 70c.

Long Cayenne. Best for seasoning pickles. Pkt., 5c.; oz., 25c.; 1-4 lb., 70c.

Golden Dawn. Yellow; productive, free from fiery flavor. Pkt., 5c.; oz., 25c.

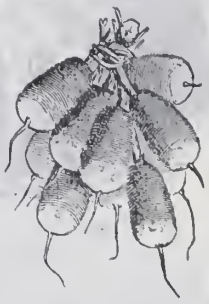
Child's Celestial. It sets peppers early, continuing late; bright scarlet; small but prolific; fruit 3 inches long; sharp flavor. Pkt., 10c.

Ruby King. Large, handsome, very mild; used sliced with salt and vinegar; 4 to 6 inches long; 3 inches across. Pkt., 10c.; oz., 30c.

RADISH.

One of the most wholesome of all vegetables, easily digested, and said to be a cure for kidney diseases; eaten at any time uncooked. Few people are aware of the benefit of the radish to the system, when eaten. No good garden should be without them. Sow for a succession crop every two weeks, in rows about 12 inches apart, from March to July, which will give a daily supply for the table. For an early supply they may be sown in greenhouse or hot-bed any time during the winter.

CHARTIER.



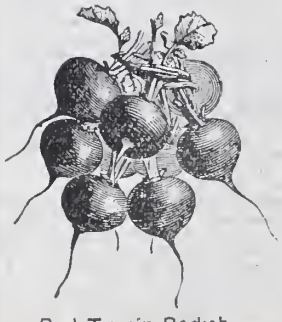
French Breakfast Radish.

Long Bright Scarlet. Valuable for market on account of its extraordinary earliness, being fit for use in 25 days from sowing; remarkably bright in color, of a fiery scarlet not given to other varieties with a white tip; crisp and very tender, very regular in shape; in size, intermediate between the long and half long, and is likely to meet with great favor. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

NEW RADISH, LONG BRIGHT SCARLET.

French Breakfast. Of quick growth, very mild and tender, one of the best for forcing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Chartier. Obtaining size before becoming unfit for the table; distinct from any other variety; crimson top with white tips. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.



Red Turnip Radish.

Early Round Dark Red. Valued on account of short top; the best early variety for forcing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Long Scarlet Short Top. A standard for market and private gardens. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Olive Shaped Scarlet. Oblong shaped, flesh rose colored, tender and excellent. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Rose China Winter. Bright rose color, flesh firm and piquant; excellent for winter use. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

California Mammoth White. A giant, white fleshed, full radish, of excellent quality. Pkt., 10c.; oz., 15c.

Wood's Early Frame. Very early, round red. Pkt., 5c.; oz., 10c.; lb., 60c.

Improved French Breakfast. This is an improvement in color, being of dark crimson with a very small white tip, which makes it more attractive in market. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

Add 8 cents per pound if sent by mail.

SPINACH.

Spinach is best developed and most tender and succulent when grown in rich soil. This is extensively grown by market gardeners in large cities and towns, and is an important crop for greens. Sowings are made every two weeks from April to July, for summer use, in rows 12 to 15 inches apart; the main crop being sown in August and September, wintered over, and cut early in the spring. For family use give the same treatment. It requires 1 ounce for a drill 100 feet long, about 10 pounds per acre in drills.

Add 8 cents per pound if sent by mail.

SPINACH, THICK LEAVED.

Thick Leaved. Produces a large, thick leaf, stands a long time before running to seed; one of the best market varieties. Pkt., 5c.; oz., 8c.; ¼ lb., 12c.; lb., 35c.

Long Standing. Remains a long time before running to seed, in other respects similar to Round Leaved. Pkt., 5c.; oz., 8c.; 1-4 lb., 12c.; lb., 35c.

Round. The main market sort; quality good for spring or fall sowing. Pkt., 5c.; oz., 8c.; 1-4 lb., 12c.; lb., 30c.

Prickly. Stands well in winter, but a less prolific bearer. Pkt., 5c.; oz., 8c.; 1-4 lb., 15c.; lb., 30c.

Savoy Leaved. The most hardy of all varieties. Recommended for fall sowing in September for early spring use. Pkt., 5c.; oz., 8c.; lb., 35c.

SEA-KALE.

DWARF GREEN KALE

Cultivated for its blanched shoots, which are cooked as Asparagus.

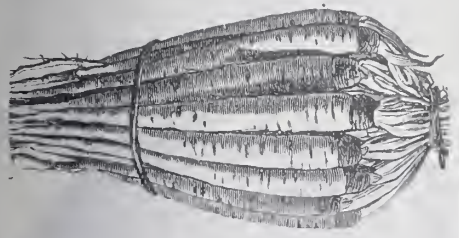
Dwarf Green Curled Dwarf 18 inches, spreading out under good cultivation to three feet in diameter, leaves curled, of a bright green.

Very hardy, and it will remain over winter where the temperature is not below zero. Most tender after a sharp frost. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 75c.

SALSIFY, Oyster Plant.

Sow early in spring, in drills 15 inches apart; cover the seed an inch and a half in depth, and when the plants are strong enough, thin out to three inches apart.

They are ready for use in October and are not injured by frost. When cooked resembles the oyster.



SANDWICH ISLAND MAMMOTH SALSIFY.

Mammoth Sandwich Island. Pkt., 5c ; oz., 10c.; 1-4 lb., 30c.; lb., $1.

SQUASH.

GOLDEN SUMMER CROOK-NECK SQUASH.

Light soils are best suited for their growth. Prepare hills for seed in the ordinary manner, by mixing 2 or 3 shovelfuls of well rotted manure with the soil for each hill. For the bush varieties, from 3 to 4 feet each way, and for the running sorts from 6 to 8 feet. After they have attained their rough leaves, thin out to 3 or 4 of the strongest plants.

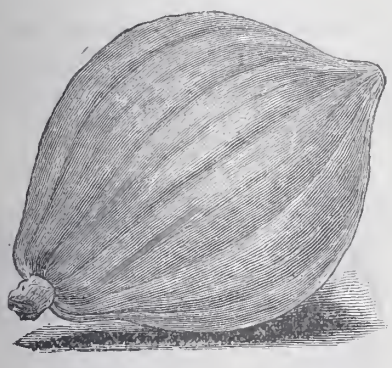
Add 8 cents per pound if sent by mail.

Bush Summer Crook Neck. Early, productive; and of good quality; color, orange yellow. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 65c.

Stickler Summer Crook Neck. Grows larger than the common variety, averaging 5 lbs. each, about as early and more prolific. Pkt., 5c.; oz., 15c., 1-4 lb., 25c ; lb., 75c.

Yellow Bush Scallop. A very early variety; excellent for early summer use. Pkt., 5c ; oz., 10c.; 1-4 lb., 20c ; lb., 60c.

Early Prolific Marrow. It is doubtful if any equal it in productiveness; ten days earlier than ordinary Marrow. Those who have been troubled in obtaining seed that produced a large, overgrown Marrow, will find in this a squash of about the right size for market; 8 to 12 pounds each. Color, orange, shaded red; its cooking and keeping qualities are good. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 75c.



EARLY PROLIFIC MARROW SQUASH.

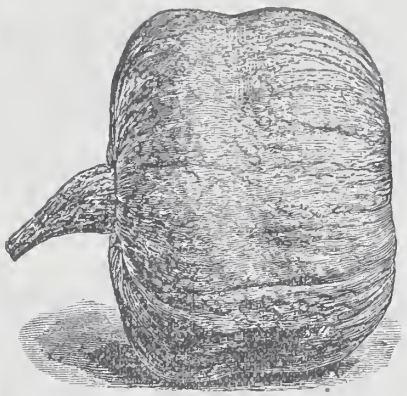
Essex Hybrid. One of the richest, finest grained, sweetest, most productive and best keeping squashes. Being very early, it may be planted as a second crop after early peas, potatoes, or cabbage in June or early July; hard shell, and excellent keeper. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 70c.

Boston Marrow. A much esteemed variety, coming in about ten days later than the bush and crook-neck sorts; a good keeper and of unsurpassed flavor. Pkt., 5c ; oz., 10c.; 1-4 lb., 20c.; lb., 70c.

Bay State. An improved type of the Essex Hybrid; more solid, heavier, earlier, and in its flavor more dry and sweeter; differing in color, being light green, and flesh of a bright golden yellow; equally as productive; averaging in weight 10 to 12 pounds. Pkt., 5c.; oz., 10c ; 1-4 lb., 20c.; lb., 70c.

Winter Crook Neck. Flesh close grained, sweet and good flavored. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 70c.

Warren Squash. Similar to Essex Hybrid, thicker shell, better keeper, and the richest, best flavored variety. On trial last year and proved much superior to Essex Hybrid. (See cut.) Pkt., 10c.; oz., 15c.; lb., $1.



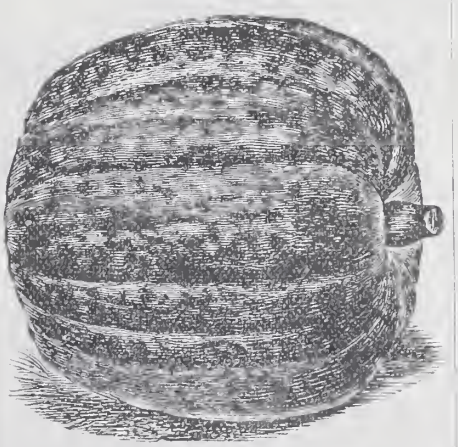
WARREN.

Hubbard. A general favorite, and more largely grown as a late sort than any other; of large size, flesh fine grained, dry, and of excellent flavor. I offer a choice and select strain of this excellent variety. Pkt., 5c.; oz., 12c.; 1-4 lb., 30c.; lb., 95c.

HUBBARD.

Marblehead. A good winter squash, resembling the Hubbard and equally as good. Pkt., 5c.; oz., 10c.; 1-4 lb., 25c.; lb., 85c

Mammoth Chili. This is the largest variety of squash, growing from 100 to 200 pounds, good for stock and exhibition purposes. Pkt., 10c.; oz., 30c ; 1-4 lb., 70c.



MAMMOTH CHILI SQUASH.

American Turban. Flesh orange yellow, thick, fine grained and well flavored. Pkt., 5.; oz., 10c.; 1-4 lb., 25c.; lb., 70c.

TURNIP.

Very wholesome for stock feeding, and extensively grown in market gardens. It is one of the staple products of the farm. For early use, sow as soon as the ground can be worked in the spring, in drills 15 inches apart and thin to 4 or 5 inches in the row. New sod ground is the best. Where old ground is used, good top dressing of wood ashes is the surest method of obtaining good, smooth roots. Unless so treated they are almost sure to grow wormy if grown in old garden soil. Bone dust, superphosphate, plaster, salt, ashes, or a mixture, is much better to be sown broadcast before drills are made. Sprinkle plaster, lime, or ashes on your young plants when insects are troublesome.

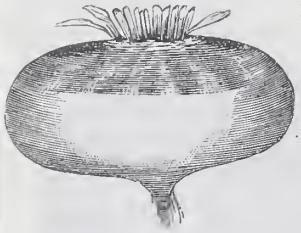
For fall crop sow from the middle of July to the middle of August.

One ounce will sow a drill 150 feet long; from one to one and one-half pounds per acre in drills are required, or one-half to three-fourths if sown broadcast.

Add 8 cents per pound if sent by mail.

EARLY VARIETIES.

Early Flat Dutch. An excellent garden variety resembling White Strap Leaf; for spring or fall sowing. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 50c.

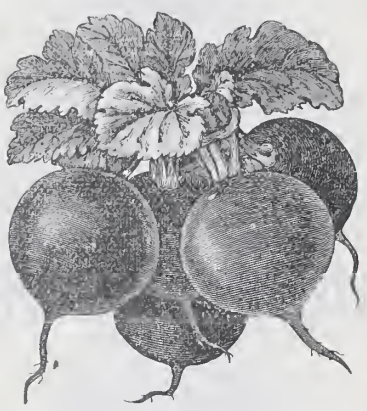


EARLIEST RED TOP.

Extra Early Milan. This occupies a place among turnips, that the Eclipse beet does in its class, being ten days to two weeks earlier than the Purple Top Strap Leaf; flesh white, good size. Pkt. 5c.; oz , 10c.; 1-4 lb., 20c.; lb., 60c.

Earliest Red Top Strap Leaf. One of the very earliest varieties; shape between flat and round; white flesh. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 45c.

Purple Top White Globe. An early variety; globe shape; in other respects similar to the Red Top Strap Leaf. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 50c.



PURPLE TOP WHITE GLOBE TURNIP.

Long White or Cow Horn. Matures quickly, roots shaped like a carrot, about half of which is formed above ground. Pkt., 5c.; oz., 10c.; 1-4 lb., 17c.; lb., 40c.

White Egg. A quick growing, tall variety, and often used as an early summer turnip for market; nearly round like a ball; flesh firm, fine grained; skin very smooth and thin; of a snowy whiteness; a mild, sweet, table turnip, and attractive in market. Pkt., 5c.; oz., 10c.; 1-4 lb., 17c.; lb., 45c.

Yellow Finland. A small, early variety; flesh bright yellow Oz., 10c.; 1-4 lb., 20c.; lb., 50c.

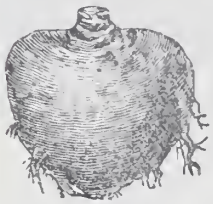
Yellow Globe. One of the best American varieties for a general crop. Oz., 10c ; 1-4 lb., 17c., lb., 45c.

Yellow Aberdeen. Very hard and productive; a good keeper; globe shape; color, pale yellow, with purple top. Oz., 10c.; 1-4 lb., 17c.; lb., 45c.

TURNIP, Ruta Baga.

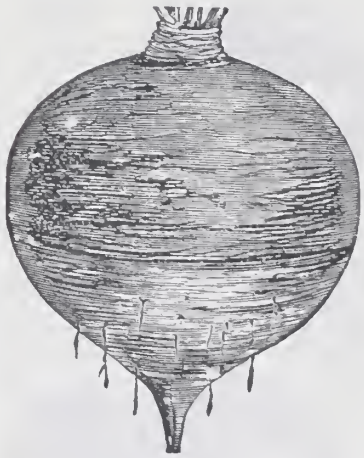
The Ruta Baga, Swedish, or Russian Turnip, known to many under the name of "French Turnip," forms a distinct class. The bulbs are close grained, very hard,

and will endure a considerable degree of cold without injury. They keep well stored in a cellar the whole winter, but are not in perfection for the table until towards spring. Extensively grown as a farm crop. The Swedes at the north should be sown from the 10th of June till the 1st of July. In drills from 2 to 3 feet apart, and thinned from 10 to 12 inches apart, or they may be sown in a seed bed, afterwards transplanted. It is necessary that the ground should be dry and made very rich.



SWEET GERMAN.

Sweet German. In good soil and favorable season is comparatively smooth and regular, and under opposite conditions often uneven, neck two or three inches long; greenish brown above ground, white beneath; flesh pure white, solid, very sweet, mild, and well flavored; retains its firmness till spring; as a table variety it must be classed among the first. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 45c.



SKIRVING'S PURPLE TOP.

Skirving's Purple Top. An improved purple topped variety of strong growth; large size. By its quick vegetation it generally escapes the ravages of the fly; suited to field culture and cattle feeding; the best of the yellow flesh Ruta Baga. Pkt., 5c.; oz., 10c.; 1-4 lb., 15c.; lb., 40c.

Improved American. This variety is largely grown in this country by many of the most prominent agriculturists, both for the table and for feeding stock; flesh solid, yellow, fine quality, and keeps well until summer. Pkt., 5c.; oz., 10c.; 1-4 lb., 17c.; lb., 40c.

Carter's Improved. Has obtained many first class prizes at various exhibitions in England. Pkt., 5c.; oz., 10c.; 1-4 lb., 20c.; lb., 50c.

Laing's Improved. Of excellent quality; purple above and yellow under ground; almost perfect globe shape when well grown, with a small top and tap root; yellow flesh. Pkt., 5c.; oz., 10c.; 1-4 lb., 17c.; lb., 50c.

Champion Purple Top. Hardy; heavy cropper, yielding from 40 to 50 tons per acre; favorite English variety. Oz., 10c.; 1-4 lb., 15c.; lb., 50c.

Add 8 cents per pound if sent by mail.

TOMATO.

The seed should be sown in a hot bed or boxes in the house or greenhouse in March or April, in drills 4 to 6 inches apart, and half an inch deep. When 3 inches high, transplant to another hot bed or box, 2 or 3 inches apart. About the middle of May the plants may be set in the open ground, in light, sandy soil, at a distance of 3 feet apart in hills in which a shovelful of well rotted manure has been mixed, if not already manured. Bone or phosphate are good fertilizers, about a tablespoonful thoroughly mixed with the soil before setting the plant: if too strong will injure them. The tomato will ripen earlier and produce well if the soil is not too rich.

Atlantic Prize. New, the earliest variety; smooth, solid, bright red. This is one of the finest new early varieties of recent introduction. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.; lb., $2.50.

Ponderosa. Large size, medium early, dark red, irregular shape, solid, few seeds, good flavor; the largest and best flavored variety, keeping its good quality till the very last of the season. You will not be disappointed to try this as a late variety. Pkt., 10c.; 6 pkts., 50c.; oz., $1.25.

The Stone. One of Livingston's latest improved varieties, and deserves marked attention. Early, smooth, solid, deep red; so named on account of its solidity. Pkt., 10c.; oz., 30c.

Acme. One of the best early varieties; of good size; smooth and solid. Pkt., 5c.; oz., 25c.; 1-4 lb., 65c.; lb., $2.25.

Favorite. A large, perfect shaped, very smooth variety, dark red; ripens evenly and very early, holding its size to the end of the season; solid, very few seeds. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.; lb., $2.25.

Beauty. The best variety in the list for family or for market. Good size, very solid, smooth, and few seeds; bearing till killed by frost. A superior strain, from the earliest and smoothest selections. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.; lb., $2.50.

BEAUTY TOMATO.

Dwarf Champion. One of the very earliest and best on the list. Grows compact, short jointed, keeping fruit well up from the ground. Of medium size, smooth, deep, dark red in color; solid, good quality. Pkt., 10c.; oz., 25c.; 1-4 lb., 75c.; lb., $2.50.

Ignotum. The earliest large, smooth red varieties; heavy and solid. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.

Golden Queen. A yellow variety; very solid, smooth, large as ordinary tomatoes. Pkt., 5c.; oz., 25c.; 1-4 lb., 75c.

Essex Hybrid. Receives praise wherever tried; smooth, solid, fine color; splendid for market or home use. Pkt., 5c.; oz., 25c.; 1-4 lb., 65c.; lb., $2.50.

Paragon. Good size, smooth, solid, productive; glossy crimson, largely used in the southern states. Pkt., 5c.; oz., 25c.; 1-4 lb., 65c.

Yellow Plum. A beautiful variety, used principally for pickling and preserving. Pkt., 10c.; oz., 30c.

Strawberry or Husk. Known as Red Cherry. Valuable for preserves. Pkt., 10c.; oz., 35c.

Currant. For ornament; resembles long bunches of currants. Pkt., 10c.

Peach. Resembles a peach in size, color and general appearance; delicate flavor. Pkt., 10c.; oz., 30c.

THE DODGE PATENT PORTABLE SHELF.

A simple device for fastening an ornamental shelf to the top bar of the lower sash of a window or to the cap of the window sill, when the projection of the same is sufficient, or by fastening a square piece of wood, 1¼ x 1¼ inches, and extending the length of the shelf to the wall, by two screws. The shelf can be fixed in position or removed at pleasure, and so simple is the device that any lady can put up the shelves or remove them in an instant.

These shelves are made from selected kiln dried wood, and the fixture is malleable iron nicely bronzed, which, combined with an elegant finish, makes them worth all they cost as an ornament, and many times their cost as a really useful household novelty.

Sizes in stock are 16 inches, 20 inches, 22 inches, 50c. each, 2 for 90c.; 26 inches, 28 inches and 30 inches long by 5 inches in width, and ¾ inch thickness, price 65c., 2 for $1.20. Three styles of finish, Cherry, Chestnut, and Black Walnut.

Lenox Atomizer and Sprinkler.

When plants are indoors, suffering from lack of moisture, this Atomizer and Sprinkler supplies the long felt want. You can spray the plants without drenching the carpets or articles near the plants. It throws a mist on the under side of the leaves, just where the insects live, and gets rid of them, as they despise moisture. This Atomizer and Sprinkler produces a spray or misty shower so fine that plants or flowers have the appearance of having been subjected to a heavy dew. They sell at a glance. Just the thing for spraying Carnations, Roses and Bouquets. 50c. each by mail. Extra bulbs for poisonous liquids, 20c.

Fertilizer for Pot Plants.

THE EXCELSIOR!

A GREAT SUCCESS!

MAKES PLANTS GROW AND BLOOM LUXURIANTLY

This excellent Fertilizer is the only thing of the sort which can be used with good results to Pot Plants. It is used by dissolving a teaspoonful to a pint of water and applying to the soil every few weeks. It starts the plants at once into a healthy and vigorous growth and abundant bloom. It is just the thing that has been wanted for a long time and everyone is pleased with it.

Packages 6 to 8 ounces, - - - - - 15 cts.
" mail, postpaid, - - - - - - - - 25 cts.

GREENHOUSE AND BEDDING DEPARTMENT.

GENERAL COLLECTION.

ABUTILON.

Sometimes called Flowering Maple. Flowers bell-shaped, drooping; blooming continually the whole year. Small plants, 10c.; large plants, 20c.

Boule de Neige. White.
Fraseri. Dazzling crimson.
Darwinii. Orange scarlet.
Golden Bells. Yellow, bell shaped flowers.

ACHYRANTHES.

Foliage plants for vases, baskets or ribbon beds and massing, holding their bright tints until killed by frost. 10c each; $1 per doz.

Aurea Reticulata. Green leaves, marked yellow.
Gilsonii. Leaves carmine; stem pink
Lendenii. Deep blood red, changing to crimson. One of the very best bedding varieties.
Lendenii Carmea. A new variety with broader leaves than the preceding, with a broader stripe of carmine in center of leaf; very attractive.

AGERATUM.

Blooming continually through the summer months; of the easiest culture. Small plants, 10c. each; $1 per doz.; large plants, 20c.

Cope's Gem. Blue, 9 inches high; suitable for a border or for massing in beds
White Cap. Compact, 9 inches high; valuable for flowers.
Mexicanum. Flowers light blue; 15 inches high.

ALTERNANTHERA.

Variegated foliage, growing 8 inches in diameter and 3 inches high; use principally for ribbon lines and borders. Leaves are tinted, bordered, blotched, margined and variegated with bright colors, carmine and crimson tints prevailing. 10c. each; $1 per doz.; small size for bedding, $6 per 100.

Amœna. Leaves yellow, brown and rose.
Magnifica. Large, yellow, scarlet and green.
Parychoides. Green, crimson and straw color.
Spathulata. Carmine and green
Aurea Nana. Golden yellow; fine for bedding.
Parycholdes Major. Crimson, scarlet and pink.

ALYSSUM, Sweet.

A continual bloomer for the house or out of doors, both winter and summer. The double varieties are prized for their flowers, produced as freely as the single. 10c. each; $1 per doz.; $5 per 100.

ALYSSUM. DOUBLE, TOM THUMB.

The most valuable of all Alyssums for bedding, baskets, vases, cut flowers; growing compact, 2 or 3 inches high, spreading out 4 to 6 inches; equally valuable for pot culture in the house. 10c. each; $1 per doz.; $6 per 100.

Double Variegated. Foliage white and green; double white flowers; valuable for baskets, vases and borders. 10c. each; $1 per doz.
Double White. Similar to the common variety; flowers double, more valuable for cut flowers. 10c. each; $1 per doz.; $5 per 100.

ASPARAGUS.

Valuable, used in place of smilax for green; equal to the most delicate ferns, and remains after cut a long time before wilting. It can be grown to climb like smilax or on a trellis.

Asparagus Plumosa Nana. 50c. each.

AZALEA INDICA.

My collection comprises a list of the best varieties. No plant is better adapted for the greenhouse or parlor; giving profusion of bloom during the winter and spring months. Blooming plants, 25c. each; large plants, 35c., 50c., 75c. and $1 each.

Are now much used as decorative plants for Easter.

Fine bushy plants, 6-inch pots, 75c.

AZALEA, SINGLE.

Single.

Six to 10 good varieties, **white, rose, salmon, deep pink, variegated,** single and double.

AMPELOPSIS VEITCHII.

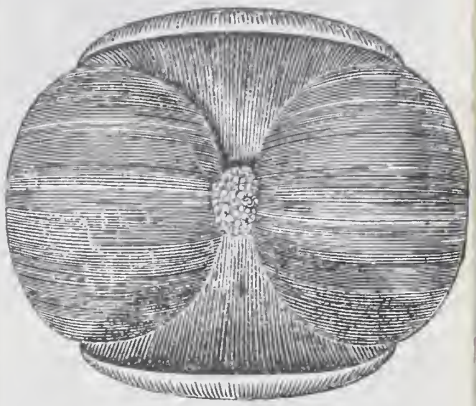
Known as **Japan** or **Boston Ivy.** Price, 20c. each; 6 for $1; 15 for $2.

See illustration. Hardy climbing plants.

BEGONIA.

Used for hanging baskets or for pot plants in the house, blooming through the summer and winter months. Price, 10c. each; large plants 20c.; $1 to $2 per doz.

Alba Picta. Green, spotted white; white flowers.
Argenta Guttata. Dark chocolate leaves, silver spots; white flowers.
Louise Classen. Large green leaves with black spots; 20c.
Hybrida Multiflora. Small ornamental leaves; rosy pink flowers.
Parnelii. Leaves spotted silvery white.
Sanderson i. Bright scarlet crimson.
Paul Bryant. Light pink, flowers large, glossy foliage; very free. 20c. each.



TUBEROUS ROOTED BEGONIA, SINGLE FLOWER.

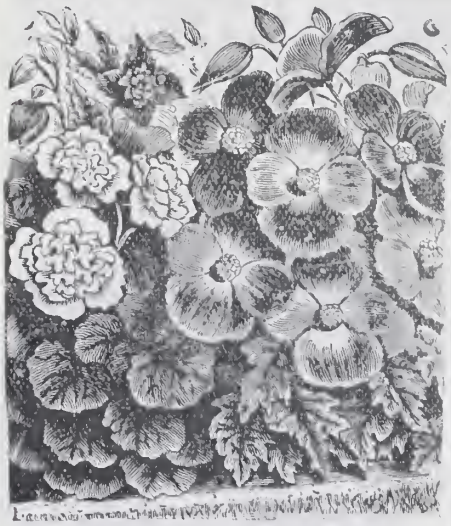
Rubra. Green leaves growing 2 feet or more high; bright scarlet flowers during summer and winter.
Metallica. Leaves glossy metallic, flowers in large clusters of a delicate rose; one of the best for pot culture. Leaves fine for edgings, baskets or designs.

METALLICA

Begonia Rex, Ornamental.

The leaves are large, variegated and mingled with a silvery gloss. Are used as pot plants or in warden cases, ferneries, hanging baskets and stands. Price, 20c. each; $2 per doz.

Begonia, Tuberous Rooted.



BED OF TUBEROUS ROOTED BEGONIAS.

It is surprising to see what perfection the Single Begonias have been brought to in the last three years. Flowers measuring 5 or more inches in diameter, with short, thick, upright growth; erect flowers in the numerous colors of the deepest rose, yellow, crimson, scarlet and white; even the Zonale Geranium is quite inferior. Their culture is simple; pot any time from January to March, with the crowns just above the soil, in any ordinary light loamy compost; three parts peat and sand are best; pots just large enough to take the bulb; place in a warm room or greenhouse to remain until they make a young growth, and then re-pot into 6, 7 and 8 inch pots, adding one quarter of loam, and they will soon show blooms and growth 1 or 2 feet high, and when the pots become full of roots, supply them with liquid manure, being careful they are placed in a temperature above 60°; excessive fire heat and glaring sun heat are injurious. To cultivate for bedding, plant them exactly as if they were choice potatoes. Plant bulbs 10 inches apart. Frost affects them in just the same manner as Dahlias. To hasten blooming they may be started in small pots in April, and about June 1st planted as other bedding plants, and will give a profusion of bloom from July to October. They prefer a partly shaded place. I offer, in separate colors, 2-year bulbs for bedding or summer pot culture.

Single Red, 15c., $1.50 per doz.
" Rose, " " "
" Dark Red, " " "
" White, " " "
" Yellow, " " "
" In Best Mixtures, 15c. each; $1.50 per dozen.
Double, in Best Mixtures, 30c. each.

CARNATIONS, Monthly.

Much progress is now being made with the carnation. Size, color, doubleness, form, habit is within a short time much improved. For the flower garden in summer, or the greenhouse or parlor in winter, the Carnation is unequalled; the varieties among florists are numerous, and comprise nearly every shade of marking, and most of them exceedingly fragrant. As a winter bloomer for pleasure or profit, the Carnation excels all other plants; the flowers are of such a nature as to stand long exposure either from shipping or when made into bouquets. Its beautiful color, exquisite clove fragrance and abundance of bloom rate it by all florists and bouquet makers among the first class flowers, having always a ready demand in market, together with its hardy nature, render it one of the best blooming plants for commercial florists, amateur or winter gardens. Some do not succeed with the Carnations, owing generally to lack of moisture, syringing, or too dry an atmosphere, which encourage the red spider, causing the buds to blast, or the plant to die. The Carnation likes a temperature of 50 to 60 better than 70 to 80 degrees, with foliage moistened two or three times a week, both upper and lower parts of the leaves, never allowing the soil to get dry, keeping the plants clean and free from dust. The red spider feeds from the under side of the leaves, and increases rapidly in a high and dry atmosphere, while a cool, fresh, mild air, with plenty of water, will destroy the insect. They can be as easily grown as geraniums when you once understand their culture. When set in the open ground, cut them well back; they will show new growth and bloom during the summer and when lifted from the open ground will produce flowers for several months in the winter. The following are good winter blooming sorts, which I can supply in quantities, growing them as I do for winter extensively. Price, 15c. each; $1 50 per doz.; $6 per 100. Add 50c per 100 when sent by mail. Will send 3 varieties by mail, *my choice of varieties*, for 30c.; 6 for 50c; 12 for $1. Large plants in 5 and 6 inch pots, 25c. and 35c. each; $3 per doz.

***Anna Webb.** Velvety crimson, fringed. The best of the crimson varieties.
***Grace Wilder.** Delicate pink, flowers large, fringed, clove scented; blooms very freely; a most prolific variety of its color.
***Lizzie McGowan.** Among the whites this variety stands at the head of the list. The flowers are very large and double, and do not burst. A profuse bloomer; the best variety to grow for cut flowers. Erect grower, very healthy, and early, continuous bloomer.
***Portia.** Color bright scarlet.
Sunrise. Yellow and rose, variegated.
***Queen's Scarlet.** The best scarlet.
Silver Spray. The finest white; early, large flower, of the purest white, never tinted, of good form and fragrant.
***Buttercup.** Yellow, large flower.
Orient. Large, perfect, dark crimson; fringed; fragrant.
L. Lamborn. Dwarf; large white flower; poor grower; requires strong light and heat to open flower well.
***Mrs. Fisher.** One of the finest new, large, pure white; strong grower, large flower, free. 15c.
Bride. Sport from Grace Wilder; every way similar except color being of pure white; one of the best white. 20c each; $2 per doz.
F. Marigold. Large flower, strong grower, shy bloomer, bursting badly.
***J. J. Harrison.** Large, white, dotted carmine.
***Rosalind.** Deep pink, good grower, free bloomer.
Tidal Wave. Deep pink, large flower, fringed; similar to J. Perkins; perhaps an improvement.
Hector. A brilliant scarlet, of vigorous growth, and an early and continuous bloomer; much larger than Portia.
Louise Porsch. A shade lighter than Buttercup, slightly streaked with carmine and fringed; productive.
***Daybreak.** Delicate pink, large full flower, one of the colored on the list, long stem.

DAYBREAK.

American Flag. Blotched and evenly striped scarlet and white, a sport from Portia; the best grower and bloomer in the whole class of the variegated; early forced.
Nellie Lewis. Rosy pink, dotted carmine, large flower; free in growth and bloom.

The best six varieties selected from a large list of 1891. 15c. each; 6 for $1; small size, 10c. each; 6 for 50c.

The above set of 10 varieties, marked *, comprise the best and most distinct colors. Price for the 10, $1.20; large size, $1 50

For new Carnations see novelties.

New Carnations.

I have selected the following three as among the best introductions for 1893.

Golden Triumph. Yellow, keeping well; plants vigorous, bloom late; a perpetual bloomer. 15c. each.

AURORA.

Aurora. A robust grower, foliage handsome, flower lighter than Wilder, a very delicate pink; blooms early and profusely, a single plant showing 190 flowers in one season; very strong clove fragrance. Winner of Madison Square garden cup, autumn, 1891; also a certificate of merit at Philadelphia in the same year. 15c. each; $1.50 per doz.

PURITAN.

Puritan. Plants of good habit, strong, bushy grower, very healthy. Flowers 2 1-2 to 3 inches diameter, very double, of good substance, lasting qualities, excellent, fragrant; early and continuous bloomer. Best new pure white. 15c. each.

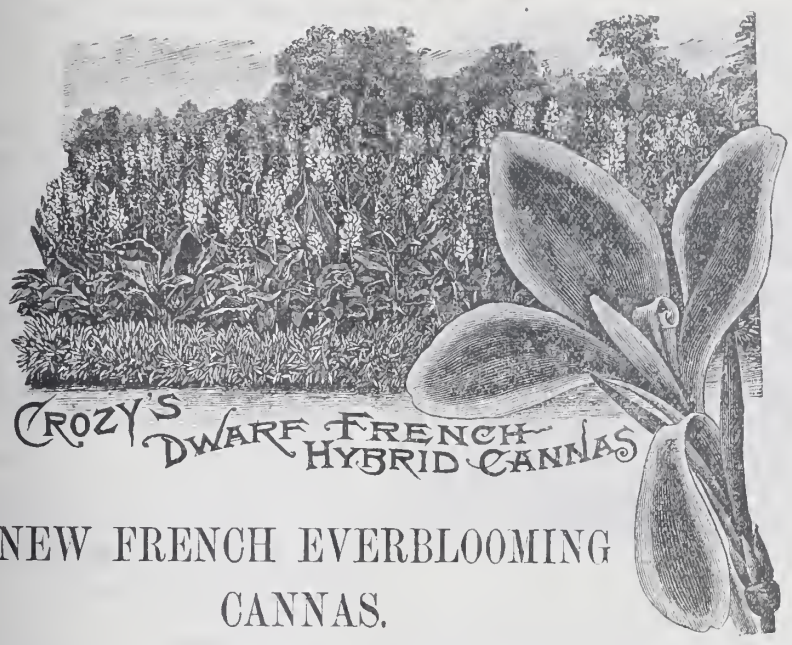
The collection of three varieties, 35c.

PINK, Hardy Garden.

Snow. Flowers larger and more double than the old Scotch Pink; of the purest white; perfectly hardy and a good forcing Pink for early spring. 10c. each; $1 per doz. Strong clumps, 20c.; $2 per doz.
Annie Bowlin. Pink, maroon center. 10c.; $1 per doz; strong clumps, 20c; $2 per doz.
Fimberata. Bright pink, fringed, clove scented. Hardy garden or June Pink. 10c.; $1 per doz.; strong plants 1 year open ground, 20c.; $2 per doz.

SCOTCH PINKS, Hardy.

In variety, 15c. each; $1.50 per dozen; sometimes known as June or Moss Pinks; fringed edges, and very strong clove fragrance; colors white, pink, pink with maroon center.



NEW FRENCH EVERBLOOMING CANNAS.

No plant is attracting more attention for bedding purposes than the new French Cannas. It is the most popular plant for large groups where an attractive and massive effect on the lawn is to be obtained, blooming freely from July until killed by frost; these long spikes of large brilliant colored flowers of scarlet, crimson, yellow, at once attract attention; are easily cultivated, adapted to almost any soil or situation, but a strong, moist soil is best suited for them. Are easily lifted in the fall into pots and will grow and bloom most of the winter, the dwarf varieties being the most desirable for pot culture, as they vary in height from 2 to 4 feet. After cut down by frost, lift and store in the cellar or greenhouse like dahlias, dividing in the spring to plant out in May or early June. To hasten, they can be started in pots in February or March and planted out in May or June. Price 10c; $1 per doz. For bulbs, except where noted, started in 4 inch pots, 20c. each; $2 per doz.

Fran. Crozy. Light apricot, beautiful; large flower. 35c.

Alph. Bouvier. This new variety grows 6 to 7 feet high, being mounted with immense spikes of dark crimson flowers. The best introduction of last season. $1 each

Capt. Suzzoni. The best yellow variety yet introduced. Very large flower; foliage broad, similar to a banana $1 each.

President Carnot. Dark chocolate foliage, flowers deep scarlet, large. 35c.

Mdm. Crozy. This succeeds with all; grows 2½ to 3 feet high, with clusters almost as large as gladiolus, of a brilliant scarlet with a narrow yellow border, produced from June to October, and when lifted in September will continue to bloom in the house for two or three months; the best for bedding. Mdm. Crozy makes the most attractive bed for summer blooms of all plants, and will be extensively used the coming season; well adapted for vases and tubs. 25c. each; $2.50 per doz

Adolph Welcks. Green foliage, dwarf, compact habit, 2 feet high; flowers crimson scarlet. A free blooming and attractive sort, which should be in every collection. One of the most useful bedding varieties; far surpasses scarlet salvia for rich and continual display of bloom; as a bedding plant is equal to the scarlet geranium Bulbs, 15c each; $1.50 per doz. Started in pots, 20c. each; $2 per doz.

"Star of 1891." A perpetual bloomer. It is well adapted for vases or tubs. Dwarf, about 18 inches high and makes an elegant flowering bedding plant. The individual flowers and trusses are the largest ever seen. Color is dazzling orange scarlet. 25c. each; $2.50 per doz.

Childsii. The best of the spotted flowered. The flowers are large, yellow, with crimson spots; grows 4 feet high and blooms the whole summer; flowers large; this makes a striking effect when placed with A. Weicks. 15c. each; $1.50 per doz.; started in pots, $2 per doz.

Nontonii. A robust grower, with dark green foliage. Remarkably profuse bloomer, producing immense spikes and side sprays of large flowers, the color of which is a brilliant scarlet vermilion; grows 4 feet high. 15c each; $1.50 per dozen.

Gladioliflora. Color orange. The flowers are large, growing erect; the foliage is of a beautiful green It grows 6 feet in height 15c each.

Ulrich Brunner. Orange scarlet flowers; 4 feet; foliage green Bulbs, 15c.

Auguste Ferries. Bronze foliage; 5 feet; scarlet flower.

Brilliantissima. Chocolate foliage, carmine flowers; 3 feet. Bulbs, 15c.

A. Crozy. Flowers carmine, foliage green, free bloomer; 4½ feet. 20c.

Ehemanni. Large green leaves, carmine flowers, long stems; each branch bears about 12 flowers. As large as a gladiolus. 20c each; $2 per doz.

Emile Leclaire. Flowers large, yellow, mottled crimson, green foliage. 20c.

Robusta Perfecta. Distinct, handsome; leaves 12 to 18 inches wide, 3 feet long, bronze red. Habit robust, height 8 feet, appearing like the Abyssinian Banana. Largely used, gives fine effects. 15c. each; $1.50 per doz.

Louis Cretien. Flowers yellow, spotted and striped orange; foliage green 15c.

Gen. Boulanger. Canary yellow, mottled crimson; 2 feet; foliage green. 10c. each; $1 per doz.

For a group of Cannas on the lawn in a bed 8 feet in diameter, use 12 Robusta for the center, then a circle of 10 Nontonii with an outside border of 15 Adolph Weicks, making 37 in all, from pots; will furnish for $4 60

The following also make a very effective bed, 12 feet in diameter:

10 Robusta,	**10 Nontonii,**
13 Childsii,	**18 A. Weicks,**
24 Brilliantissima.	

Making 75 in all. Price from pots, $10.

For a long bed to cover unsightly places use one or two rows of Robusta Perfecta, then one or two rows of Childsii or Gen. Boulanger, bordering with A. Weicks or Mdm. Crozy. Beautiful beds can be made by massing together Nontonii, Childsii, Gen. Boulanger, A. Weicks and Mdm. Crozy, all growing about the same height, from 3 to 4 feet, either in a circle, diamond, crescent or triangle shape of any dimension.

Mdm. Crozy may be substituted for other varieties by adding 10c. each to cost of plant.

COLEUS.

As decorative foliage plants, or arranged in lines for ribbon bed or massing, they are extensively used. Their foliage embraces every color imaginable, from white to black A few Coleus plants arranged in an attractive form, make an effective foliage bed. Set plants about 1 foot apart each way. 10c. and 15c each; $1 to $1 50 per doz; $5 to $8 per 100 for the best bedding varieties, which are printed in capitals.

GLORY OF AUTUMN. Yellow ground, spotted red and maroon

HERO. Deep blackish maroon.

KIRKPATRICK. Large leaved, blotched in the center with white

Wm. Barr. Center rose, edged green and brown.

PINEAPPLE BEAUTY. Dark, claret crimson, yellow edged

SPOTTED GEM. Yellow ground, regularly blotched with crimson, green, and orange.

VERSCHAFFELTII. Rich velvety crimson, best bedder.

Nonpareil. Large foliage, bright crimson center, narrow band of light green in the center.

Spring Grove. Center rich crimson; changing to scarlet bordered with light green and golden yellow.

Mikado. Yellow and crimson spotted.

Atlanta. Dark maroon, flamed crimson.

Leaves of Autumn. Large foliage, crimson yellow, pink and bronze.

Mourning Bride Black veined carmine.

BUTTERCUP. Equal in growth and as hardy as Verschaffelti The best bedding yellow in every respect; far superior to Golden Bedder, more hardy, far superior grower.

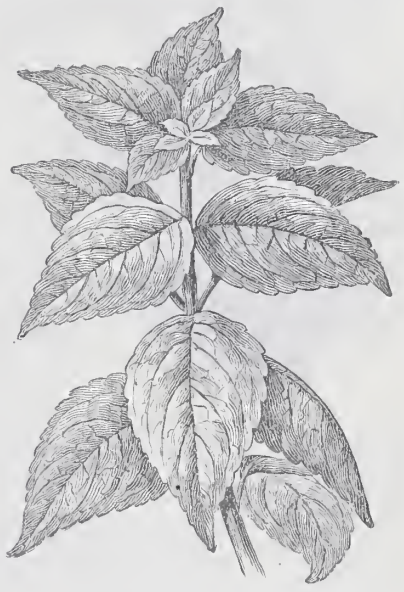
GOLDEN VERSCAFFELTII. Greenish yellow.

CRIMSON VELVET. Crimson.

PROGRESS. Green, rose stated maroon.

Shelly's Yellow. Pure yellow leaf; good bedder.

Fire Crest. Bright carmine, edge marked yellow; center of leaf blotched bronze.



NEW YELLOW BEDDING COLEUS, BUTTERCUP.

CENTAUREA.

Used for bedding with Coleus and dark leaved foliage plants, also much used for vases, urns and hanging baskets

Gymnocarpa. Silvery white; drooping, fern-like leaves. 10c. to 20c. each; $1 to $2 per doz; $6 and $8 per 100

Candida. Leaves broad, downy white, forming a neat, compact bush. 20c. each; $2 per doz.

COBÆA SCANDENS.

One of the best climbing plants, being of remarkably rapid growth, producing abundantly, large, bell-shaped purple flowers in profusion. As a summer climbing plant for trellis or veranda, or to train in greenhouse or conservatory in winter, it ranks first. 15c. each; strong plants, 25c. each.

CALLA.

A well known Egyptian Lily. Its large white flowers, which are produced in winter, make it one of the most valuable for winter flowering plants; 20c. to 50c. each.

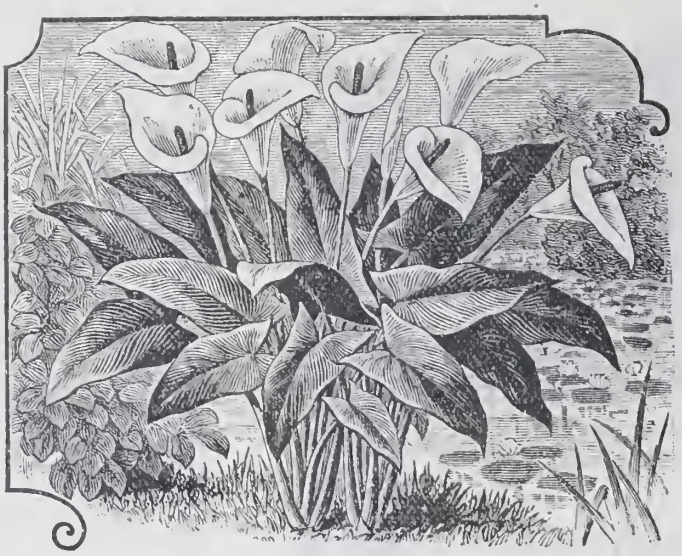
Black Calla. 50c. each.

Dwarf Calla Lily.

The Gem. The value of this over the common Calla is its *dwarf habit* and freedom of bloom. This improved sort rarely exceeds 18 inches in height and blooms abundantly Flowers not more than half the size of the common variety, and can be used with effect in bouquets. It is in every way superior as a house plant to the large growing variety. Strong blooming plants from pots, 50c. each.

Dwarf Everblooming Calla.

Grows more dwarf and compact than the common variety, blooming in summer and winter. 65c. each.



CALLAS.

CLEMATIS.

See Hardy Climbing vines.

CYCLAMEN.

CYCLAMEN.

Are well adapted for house culture and give a great many flowers for little care. Place the bulbs in soil, just above the surface, in a four or five inch pot; keep the plants a little cool until the leaves are well formed; when flower buds appear, give it a sunny window, where it will show flowers. The strain of Cyclamen is among the finest; remarkable for large size, form and brilliant colors; are ornamental leaves, mottled with light and dark green; producing flowers during the winter in profusion. Many improvements are yearly appearing in this class.

The bulbs will bloom far better to dry them off in summer to remain dormant for 2 or 3 months. In September repot in fresh soil, manure liberally with fresh cow manure and your bulb will throw flowers equal to the above illustration during 2 or 3 months in winter. 25c. each; $2 per doz.; small bulbs, 15c. each.

Cyclamen Persicum Album. White.
" " **Rubrum.** Rose.
" " **Emperor William.** Dark crimson; fine.
" " **Mt. Blanc.** Pure white.
" **Giganteum.** Flowers much larger than C Persicum; finer in every respect; of rich, varied colors. 30c. each.
" **Rosy Morn.** Delicate rose. 35c. each.
" **Atrorubrum.** New, dark red.

CALADIUM ESCULENTUM.

Ornamental leaved, bulbous plants used for groups on lawns or near ponds and streams with beautiful effect. They have a rich tropical appearance, making a growth of 4 to 5 feet, with leaves 2 by 3 feet; light and dark green, striped diagonally towards the center. Are much grown, preferring a moist, rich soil. The bulbs can be started in pots early in March or April, or planted in the open ground in May as soon as the soil becomes warm. 15c each; $1.50 per doz. *Extra strong select bulbs*, 25c. each; $2.50 per doz Started in pots, 20c. each; $2 per doz. Extra strong, started in pots, 35c. each; $3 50 per doz.

CALADIUM ESCULENTUM.

CHRYSANTHEMUM.

Their value for autumn and early winter flowers is not surpassed for fine display, variety of colors, and ease of cultivating, being hardy south of New York City; are largely used for decorating, or bedding for fall display on the lawn or flower garden. In northern sections they require lifting in pots, and placing in a cool house or room, where they will bloom for two months, from November to January, with a variety of early and late bloomers. The progress in originating new varieties is extensive, and often a puzzle to many to really know which are the best to choose for contrast, color and freeness to bloom, there are so many new varieties that are really valuable. The classes are now divided into five. The Chinese, Japanese and Pompon are the most valuable. The list following comprises some of the most valuable varieties. The best time to purchase is in the spring, as they are rather large to send a distance in the fall. I mention below some of the best varieties. Price, small plants, 10c. each; $1.00 per dozen; large plants, 15c. each; $1.50 per dozen; unless noted.

My choice of 13 varieties small plants named, for $1.

Large Flowering Japanese or Fringed.

This is really the most beautiful class.

***Abd el Kader.** Rich, dark velvety crimson; beautiful.
Annie Thorpe. Fine pink.
Ceres. Beautiful blush white, representing white fringe, having a soft, feathery appearance.
Col. W. B. Smith. Bronze one of the best.
***Domination.** One of the best, early white.
***Excellent.** Delicate, soft pink.
Frank Thompson. White, broad and heavy.
***Hicks Arnold.** Full and double, gold bronze.
Mrs. Gov. Elfer. Flat, snow white, large.
Mrs. E. D. Adams. The largest white in collection.
Mrs. Jerome Jones. Incurved, pure white, magnificent.
Early Snowball. Pure white, round flower.
***Ivory.** Pure white, large, double; dwarf habit, free and early.
***Jessica.** Early, large flowering, white.
***Mermaid.** Soft pink, incurved, globular.
White Glorisum. Snow white, early.
Christmas Eve. Filled white, good late white.
Elaine. White, early.
Fimbriata. White, fringe appearance.
***Glorisum.** One of the best, early yellow. An excellent cut flower variety.
***Lady Shelborne.** Early, large flowering; of snowy whiteness. A fine early cut flower variety.
La Belle Annie. Carmine, changing to yellow.
Mlle. Toulouse. Light rose, often striped white, petals drooping to represent half a ball.
Manhattan. Deep pink.
Moonlight. Beautiful; late white.
Mrs. A. Hardy. Downy white; large flower, incurved petals.
***Mrs. Blanchard.** Beautiful rose. Early, fine for cut flowers.
***Minnie Wanamaker.** Medium late white, large.
Lillian Russell. Earliest, mermet pink, ball shape.
James Y. Markland. White, wavy, resembling plumes; reflexed curled petals.
Harry E. Widenor. One of the finest yellow produced. Flowers large, on strong stems, excellent habit.
Mrs. Benj. Harrison. Flowers, pearl white, inner petals slightly tinted lemon.
***Ada Spaulding.** Of a beautiful rose tint; globe shape. Of robust habit and early bloom.

ADA SPAULDING.

Fannie Black. Deep crimson, with broad petals; of strong habit.
Golden Dragon. Large, yellow. Flowers 4 to 5 inches across; incurved; late yellow.
Mrs. Sam Houston. Large, double, white, good habit.

Mrs. J. N. Gerard. Cup-shaped, closely incurving; of large size.
Mrs. C. H. Wheeler. A large incurved flower; bronze crimson on the outside and gold on the inner.
Miss Alice Broome. Rich crimson, yellow markings at base, and gold beneath; large size.
Kioto. Deep yellow, with a peculiar waxy lustre; regularly incurved and very distinct.
***Lilian B. Bird.** Blush pink, large full flower; composed of long tubular petals, distinct
Prince Karl. Bright, clear, dark crimson; large and double, incurved variety of grand habit.
***Wm. H. Lincoln.** Pure yellow, full double, slightly incurving; immense size, strong habit.
***Violet Rose.** A grand double, free, perfect form of a beautiful crimson.
New varieties, see novelties.

Large Flowering Chinese Chrysanthemum.

***Cullingfordii.** Beautiful dark crimson; large, very double, producing quantities of flowers; the best of its color in this class.
***Diana.** One of the best white; recurved petals; very free, resembles a large, double aster when in bloom.
***Victor Lemoine.** Large, fine; best Chinese white.
***Miss May Morgan.** Light rose, large, full and double as an aster; fine, free bloomer.

Among the best Japanese and Chinese are marked with a * and can send 12 varieties for $1, of the small size, or $1.50 for the larger size.

DAHLIAS.

DAHLIA.

The dahlia succeeds best in a strong, loamy soil. Plants should be set 3 feet apart. One of the most attractive autumn flowers, blooming from August until killed by frost. Bulbs can be started in pots in March or April to be planted in the open ground in early May. Store bulbs in winter by packing in sawdust or dry sand in a cellar free from frost. The following are selected from large collections as the best contrast in colors. Price, 15c. each; $1.50 per dozen.

Large Flowering Tall.

Duke of Albany. Rich crimson.
Fanny Purchase. Bright yellow.
Firefly. Deep scarlet.
Princess. White, large, free.
White Dove. Flower of medium size; perfect, pure white; quilled, on long stems; attractive.
Chris Ridley. Maroon.
Glowing Coals. Scarlet.
Mr. Miller. Maroon, tipped white.
Queen Victoria. Yellow.

Dwarf Bedding Large Flowering.

Grow 18 inches high with large flowers.

Camelliaflora. One of the most prolific, white.
Gold Finder. Golden yellow.
Rising Sun. Intense scarlet.
Rose Queen. Rose; white center.
Sambo. Dark maroon.
Adolph Wagner. Buff, splashed with maroon.
Miss Dodd. Yellow.
Marguerite Bruant. White.
Vulcan. Deep red; fine.

Bouquet Dahlias.

Plants grow tall; flowers small, full and double.

Brilliant. Dark crimson.
Catherine. Fine yellow.
Gem. Scarlet.
Darkness. Blackish maroon.
Little Leopold. Deep pink.
Sappho. Rich maroon.
Snowflake. Fine white.
Lady Blanche. White, fine for cutting.
Guiding Star. White, very double, long stem, one of the finest.
Pearl. One of the finest, pure white.
Little Adalade. Red.

DAHLIA, GUIDING STAR.

Single Dahlias.

Cloth of Gold. Fine yellow.
Gen. Diaz. Bright scarlet.
Harrold. Velvety maroon.
Paragon. Violet purple.
White Queen. Large white.
Picta. Yellow, striped scarlet.
Price, 15c. each; $1.50 per doz.

Cactus Dahlias.

A. W. Tait. White.
Mrs. Hawkins. Yellow.
Cochineal. Scarlet. 15c. each.

DAISY.

Double White. The flowers are very double; pure white. An excellent plant for early spring planting for cemeteries or garden culture, blooming in May and June, mixed or separate colors. 10c. each; 3 for 25c.; 75c. per doz.
Double White Snowflake. Flowers larger than common variety; blooms the entire season.
Double Rose. Delicate rose color. 10c. each.

FEVERFEW.

LITTLE GEM, DWARF FEVERFEW.

Little Gem. A dwarf and continual bloomer, constantly in bloom from May till frost. Flowers white, very double, and compact habit, 20 inches high, flowering more freely than the old variety; no plant with so little care gives such returns for white flowers; is hardy and lives in open ground during winter, except in open, severe winters. 15c. each; 12 for $1.50; small size, 10c. each; 12 for $1.
Golden. Used largely for massing or in ribbon planting and hanging baskets, having no merits as a flowering plant; leaves of a golden yellow color. The flower shoots should be nipped off when they appear. 10c. each; 75c. per doz.; $5 per 100.

ANTHEIS CORONARIA

Fl. Pl.

This commences to bloom in February or March in the house with a profusion of double yellow flowers, continuing till late in summer; grown in pots or bedded out.
Double Yellow. 15 inches high. 15c. each.
Double White. 15 inches high. 15c. each.

FERN.

Their gracefulness of foliage makes them much valued as plants for vases, basket or rock work, or as specimen plants for parlor or conservatory, and much used for cut flower work. My collection embraces most of the standard sorts, Adiantums, Asplenum, Pteris, Polypopium, etc. 15c. to 25c. each; 6 choice ferns, our selection of varieties, $1.

FUCHSIA.

FUCHSIA, MOLESWORTH.

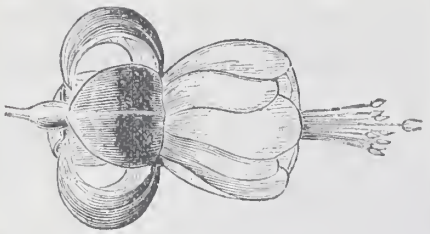
The Fuchsia is often used for bedding in places partially shaded from the sun, where it thrives luxuriantly. In a collection of house plants it certainly deserves a prominent place, where its graceful, beautiful form and delicate coloring are always admired. If you wish to preserve for the winter, place in a 6 or 8 inch pot, plunge in the ground in the spring, 2 inches below the rim, in a shaded place. Just before frost, remove to the house, where it will also bloom freely in winter. 20c. each; $2 per doz.; second size, 15c. each; $1.50 per doz., except where noted; small size, $1 per doz., except where noted.

Double Varieties.

Molesworth. The best double white Fuchsia now grown. Habit of plant more erect than Storm King; flower larger and much better grower. If you wish the best double white, try Molesworth. 20c. each.
Abbie Garnier. An improved Phenomenal; larger flower, better grower, earlier to bloom and more profuse. The very best of the double purples. Color, purple, striped carmine. 20c. each.
Elm City. Double; dark purple striped with scarlet; sepals scarlet crimson.
Esmeralda. Sepals red; tube short; corolla very large; lilac changing to rose.
Mdm. Thibeaut. Sepals carmine; corolla crimson, edged white.
Phenomenal. Violet corolla with carmine sepals.
Cervantes. Lavender, purple line on edge of flower; carmine sepals; new in color, a fine variety.
Perle Van Brunn. Sepals red, corolla double.
Storm King. Free growth, weeping habit, and free to bloom. The blooms, when open, are white with a delicate rost tint.
Snow White. Double pure white, sepals carmine.

Single Varieties.

Black Prince. Tube and sepals deep rose, corolla lavender; free.
Charles Blanc. White sepals, deep rose corolla; erect grower.
Falcon de Neige. Tube and sepals red, corolla white; the best single white.



Rose of Castile. Corolla violet, sepals white; one of the best.
Speciosa. Corolla scarlet, sepals blush; the best winter bloomer.
Sunray. Foliage green, rose and white, in three colors. 25c.
Jupiter. Large purple corolla, long carmine sepals.
Acrosta. New single lavender.

ZONALE GERANIUMS.

These embrace a great range of form and color, yearly adding to the number of new varieties, superior in most respects to the older ones. The foliage as well as the flower has been remarkably improved. As a house plant, the Geranium is cultivated more than any other, and for bedding purposes the number nearly equals the Verbena. A bed of fine Scarlet Geraniums is dazzling to the eye from June till frost; nothing is more suitable and attractive on a lawn; if a border of Coleus, Alyssum, Golden Feverfew, Alternanthera, Centaurea, or some other plants can be added, it makes it more attractive. Price, 15c. each; $1.50 per doz.; my choice of varieties, $1 per doz. Bedding Geraniums, $7 to $10 per 100. Large, strong plants, 20c. each.; $2 per doz.

My stock of Geraniums will number many thousand p'ants and parties wishing them in quantities will be supplied at liberal discount. Write for special prices on larger quantities.

GENERAL COLLECTION.

Single Scarlet.

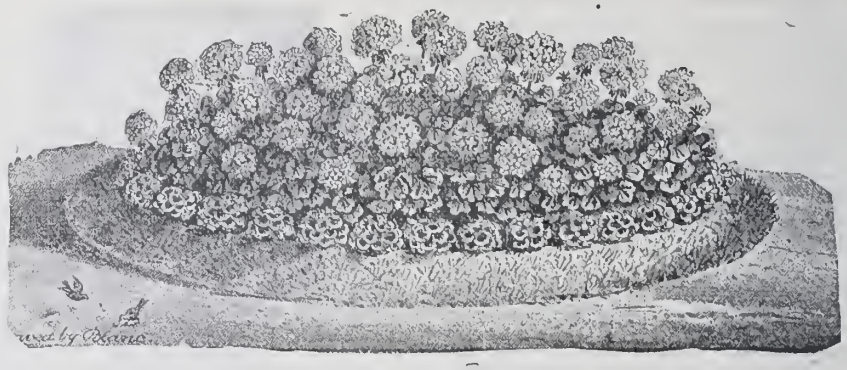
Anna Scott. Rich, deep crimson, shaded maroon, free; a grand bedder; an acquisition in color.
Baron du Paynod. Orange vermilion.
Gen. Grant. Bright scarlet, fine bedder. $5 to $10 per 100.
Gloria de Loraine. A distinct shade of orange scarlet, large flower; attractive.
Herald of Spring. Orange scarlet, a fine bedder
Helen Smith. Largely used in Boston public garden for bedding; vigorous, compact, free flowering; of a dazzling scarlet; the best bedding scarlet
Hyler. Large dark crimson flowers; good bedder.
Jealousy. Orange line, free bloomer.
King of Scarlet. One of the best scarlet varieties for bedding out, throwing up large heads of immense scarlet flowers, and is an abundant bloomer. $5 to $10 per 100.
Mdm. Alfred Mame. Fine, large scarlet.
New Life. Scarlet, striped white.
Universe. Dark scarlet, dazzling shade, florets large, round in trusses of immense size; the most beautiful single scarlet.
Sam Sloan. Fine, deep crimson scarlet, large truss, very full good bedder.
Sam Smith. Good bedding scarlet.

Single Salmon Varieties.

Blanch Molas. Salmon, bordered white, large flower and truss
La Loraine. One of the finest new sorts; trusses large size beautiful form, of a delicate flesh color with lavender shadings. 20c. each
Souvenir de Miraude. Upper petals cream white, with salmon border, lower petals salmon rose, streaked with white; free flowering; a novel and pleasing color.
Francis Argo. Silvery salmon, shaded peach, on strong stems.
Union Press. Rosy salmon, white border.

Single Rose Colored.

Copernic. Large truss, rose and carmine, white eye.
Florence. White, pink eye.
Louis Vollt. Large full flower, beautiful deep pink. The largest and finest of its color.
Master Christine. One of the best bedders, as well as one of the very best for pot culture.
Mrs. John Thorpe. Flowers pearl blush, with pure white markings on top petals.
La Loraine. Truss large, perfect silver rose.



BED OF GERANIUMS.

Protee. Snow white, rose tint, large flower, free; truss immense.
Queen Olga. The largest single flowering yet introduced; the best of the single pink varieties.
Renaissance. Peach pink.

Price same as scarlet. Thirteen of the best and most free flowering varieties for pot culture or bedding purposes, my selection, from the above lists, $1.50 prepaid by mail; or by express, paid by purchaser, $1.35; strong plants.

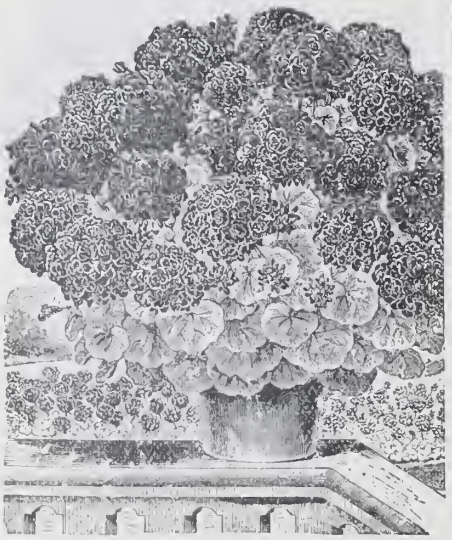
Best bedding varieties, $8 to $10 per 100, according to size. For new varieties see novelties.

Single White.

Cygnet. Purest white, very early and very free.
Nellie Bly. Pure white, erect habit, truss good size, flower full and of good form.
Purity. Pure white; one of the very best for any purpose
Queen of Belgium. The best white.
M. de Layre. Single white.

Bruant Series of Geraniums.

This collection gives new and beautiful shades, very large flowers. Should be had in all collections. Fine for bedding, producing flowers both single and semi-double. 15c. each; $1.50 per doz.



BRUANT GERANIUMS.

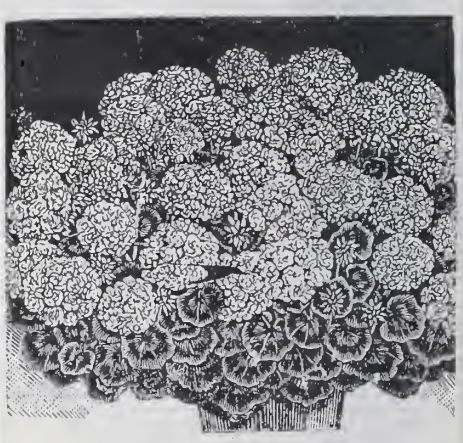
Blanche Molas. Salmon, bordered white, large single flower and truss; free, single.
Baron du Paynod. Orange vermilion; large size; single.
Bruantii. Orange scarlet; semi-double; excellent bedder; dwarf.
Mdm. Alfred Mame. Vermilion; large, free, good habit; single flower.
Protee. Large flowers, freely produced; truss immense; silvery rose, white shadings, fine, single.
Francis Argo. Silvery salmon; shaded peach, single.
Eiffel Tour. Resembles Bruant; large truss, dwarf habit, but a stronger grower and good bedder; orange scarlet; semi-double.
Beaute Poitevine. Large, semi-double flower, immense truss, free as a pot plant or bedding; unequalled for its color, brilliant salmon.

All lovers of Geraniums should have this collection. Price for above 8 varieties, $1.

Double Zonale Geraniums.

During the past few years they have been much improved; adapted for bedding, blooming as freely as the single, while their flowers last much longer; not as easily destroyed by the rains, being used as cut flowers by florists and bouquet makers. Small size. 15c. each; $1.50 per dozen; my choice of varieties, 10c. each; $1 per dozen; $7 to $10 per 100; large, strong plants, 20c. each; $2 per dozen.

La Favorite. New, fine white.



NEW DOUBLE GERANIUM, LA FAVORITE.

Anna Host. Maroon scarlet; the darkest, largest, and one of the very best.
B. K. Bliss. Flowers two inches in diameter; of a vivid, rich, pure scarlet, of good shape; large truss and fine color; excellent for bedding.
Candidissima Plena. Large, snowy white.
Crimson Velvet. Dark, velvety crimson.
Double Gen. Grant. Orange scarlet.
George Thorpe. Unequalled for bedding; trusses immense size; intense light crimson.
Montesquiea. Rose mauve, lilac shadings.
Ruy Blas. Large flowering salmon
Josephine Gabeaux. Large truss, cherry center; rosy lilac edge; white flower, marked white, distinct.
Mdm. Cheoreliere. Pure white, fine form.
Mons Poitevine. Vermilion scarlet, immense truss.
Bonnat. Brilliant carmine rose.
Gerome. Dark violet rose.
C. Mendas. Purplish rose.

California. Orange yellow.
De Lacepede. Rosy flesh.
Mdm. Dupont. Brilliant, deep scarlet.
Pres. Carnot. One of the best new scarlet.
Glory of France. Rosy salmon, white margin. The finest of its color. An excellent pot plant.
Jules Simmous. Delicate rose; dwarf and free bloomer; fine bedder.
La Cygne. Flowers large, snowy white, large trusses.
Mdm. Thibeaut. Deep pink; excellent for bedding.
Mikado. Light, delicate pink; free; one of the finest.
Progression. Orange yellow.
Mrs. Chas. Pease. Of compact growth; deep pink; one of the finest for bedding.
Negro. Dark velvety red. New; fine; the best of its color.
Old Gold. Orange yellow.
Pres. Garfield. Clear pink, flowers and trusses large; one of the finest for pot culture or bedding.
Queen of Fairies. Flesh color, mottled white; large and perfect shaped truss.
Remarkable. Flowers amaranth; trusses large.
Robert George. Crimson scarlet, free.
S. A. Nutt. One of the best dark crimson.
The Blonde. Salmon, shaded orange.
White Swan. White; free, good habit.

Above collection of 36 varieties for $3. Is as fine a collection, adapted to all purposes, as can be found either for winter blooming or bedding out in summer. Price same as single varieties. Bedding varieties, $7 to $10 per 100.

Golden Bronze Geraniums.

FOR FOLIAGE AS HOUSE PLANTS.

This class of Geraninms is admired; attractive in foliage; 20c. each; $2 per dozen; second size, 15c. each; $1.50 per dozen.

Black Douglass. Foliage yellow, chocolate zone.

Chrystal Gem. Leaf bright green, broadly margined yellow.

Exquisite. Chocolate zone, yellow center.

Golden Banner. A golden leaf without green or trace of a zone.

Marshal McMahon. Leaves yellow, marked with deep, broad chocolate ring.

Ornamental Foliage Varieties.

Mdm. Solleroi. An improved bedding variety, distinct from any class. Compact, good form, 6 to 10 inches high; foliage light green with white edges; for massing in ribbon beds or borders this has no equal in the line of geraniums. Price, 15c. each; 12 for $1.20; 100 for $8; small plants, 10c. each; $1 per doz.; $6 per hundred.

MDM. SOLLEROI.

Happy Thought. Leaf white in the center, green outside; flowers magenta; habit dwarf and spreading; attractive. 20c.; small size, 10c.
Freak of Nature. An improvement on Happy Thought, very dwarf; the center of leaf is a more clear white; one of the best ornamental foliage plants. 20c.; small size, 15c.
Mt. of Snow. Green leaves, silver edge.

Golden Variegated Geraniums.

25c. each; $2 50 per dozen.

Mrs. Pollock. A type of Golden Tricolor, and is still a good standard variety.
Sunset. Bright colors, good habit.
Sophia Darmaresque. Golden margin; dark zone with scarlet tinge.

Sweet Scented Geraniums.

Price 10c. and 15c. each.

Balm,	**Lady Plymouth,**
Lemon,	**Rose Variegated,**
Nutmeg,	**Shrubland Pet.**
Oak Leaved,	**Skeleton Leaved,**
Rose,	**Mrs. Taylor.**

Double Ivy Geraniums.

Anna Pfitzer. Large flowers, salmon pink.
M. Dubois. Rose pink.
Joan of Arc. White, free to bloom, good grower.
C. Costa. Red, shaded salmon, large flower.
Gillia. Orange red, shaded salmon; large flower.
Rio de Wurtemburg. Semi double, bright scarlet.
Cramoisi. Violet amaranth, large and well formed.

Price, 10c. and 15c. each.

GLOXINIA.

GLOXINIA.

Are summer blooming plants for the house or conservatory, always greatly admired, being among our best ornaments; blooming freely from May to September. Their rich, velvety green foliage, delicate and rare tints of violet, rose, white, crimson, scarlet and spotted flowers, have gained for them prominent places among our very choicest plants. To grow Gloxinias well, give them a rich, porous soil, in warm, moist atmosphere, shaded from the sun. When they are done blooming dry them off gradually, and keep them from moisture in a warm place of 50 to 60 degrees until they begin to grow again in the spring. Avoid having the earth too firm around them, and too much watering on the leaves sometimes causes them to decay, if much exposed to the sun. My collection embraces many fine varieties in splendid colors of the finest French and English seedlings, surpassing really many of the finest named varieties. Bulbs from February to April, 20c.; $2 per doz. After April 15 from pots, 25c. each.

Defiance. Scarlet. 30c.
New White. 30c.
New Tigered and Spotted. All shades. 30c.
In separate colors of Purple, Carmine, Rose and Spotted. 30c.

HOLLYHOCK, Double.

These are among our showy and attractive hardy plants, suitable for groups in the garden and lawn, ranging in many shades and colors, requiring but little care; remarkable for size and doubleness. Often used in some kinds of cut flower work.

HOLLYHOCK.

Our mixtures are among the finest in variety and color. Strong plants, 15c.; $1.50 per doz. Also in separate colors of

White,	**Yellow,**	**Salmon,**
Rose,	**Purple,**	**Crimson,**
Scarlet,	**Flesh,**	**Black.**

15c. each; $1.50 per doz.

GOLDEN MARGUERITE.

Anthemis Coronaria Fl. Pl.

Double Yellow. Showy, as a pot plant or bedded out. This plant might well be called the "Shower of Gold," as it is a perfect mass of rich golden yellow flowers nearly the whole year, being equally useful in winter as in summer. Well grown plants have as many as 150 flowers on them at once. 20c. each: 6 for $1.
Double White. A perpetual bloomer; flowers 1 to 1½ inches in diameter. 20c. each; 6 for $1.
Single French Marguerite. 10c. each.

HYDRANGEA.

See Hardy Shrubs.

HELIOTROPES.

One of the most fragrant and easily cultivated of all house plants; a single plant will often fill a room with its fragrance.

Six best standard varieties in different shades.

Chieftain,	**Peruvianum,**
Queen,	**Lavender,**
Golden Queen,	**Snow Wreath.**

Le Glan's. Large truss and flower, dark, variegated foliage.
White Lady. White.

15c. each; $1.50 per dozen; small size, 10c. each; $1 per dozen.

IVY, English.

For indoor decoration, baskets, etc., the Ivy is unsurpassed. Price 25c. to $1 each. Small plants, 10c. and 15c. each; $1 to $1.50 per dozen.

IVY, German.

A plant of rapid growth, with dark, green glossy foliage, used for covering walls, arbors, and for hanging baskets. Price 10c. and 15c. each.

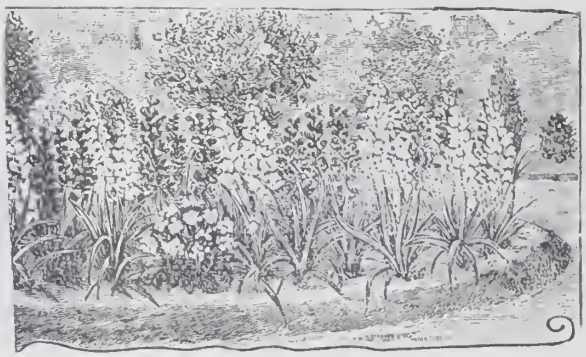
JASMINUM GRANDIFLORUM

A winter flowering plant, either for parlor or greenhouse; blooming from October to May. The flowers are of pure white; deliciously fragrant. 15c. to 20c. each.

JASSIMINE, Cape.

Highly perfumed, pure white flowers, half-hardy; blooming in June. Can be kept cold during the winter; 25c., 35c. and 50c. each.

GLADIOLUS.



BED OF GLADIOLUS.

Are of remarkably easy culture, fine habit, intense beauty of coloring in the flowers, varying from the most brilliant scarlet to pure white, rose to pure yellow and purple, striped and flaked in the most beautiful manner with very delicate tints. The flowers are produced 20 to 30 in a cluster, on flower spikes about 3 feet high. The great improvements among the French and American Hybrids is astonishing, yearly producing many new and very valuable varieties. A succession of bloom may be had from April to June, reserving the strongest bulbs for the last planting. The bulbs should be taken up in the fall and placed in a dry cellar, protected from the frost. I keep in stock a large collection of named varieties, and have selected the following, which are the most distinct in color and among the best, showing good spikes. No class of bulbs require so little labor and expense for the amount of beauty and pleasure returned, being exceedingly popular in all parts of the world. I omit many of the high priced varieties, knowing that in the list below a selection can be made equal to most of the expensive sorts. Some of the costly bulbs are put in collections of twelve distinct colors, ranging from $1.50 to $3 per doz. Where the selection is left with me, care will be given in selecting a good contrast in colors, parties stating a price per one-half dozen or dozen they wish to pay.

Agrius. Salmon, vermilion and cream blotch, 15c.
Agatha. Rose flamed amaranth, yellow spots. 10c.
Admirable Corbet. Tall spike of carmine violet, white blotch, streaked rose. 20c.
Ababa Cerise. Shaded maroon, white center. 15c.
Achille. Scarlet, white stripe in each petal. 10c.
Abalbus. White, violet stripe. 15c.
Adamson. Rose tinged, lilac blotch on white, yellow and lilac blush, carmine edge. 15c.
***African.** Brown scarlet, streaked with white and scarlet; one of the darkest and most novel. 10c.
Amalthler. Carmine, white blotch, yellow throat. 10c.
Arlequin. Salmon striped carmine, blotched on yellow ground. 15c.
Bijon. Lilac, shaded lavender and white. 10c.
BARNARD DE JUSSLUSS. Violet, shaded cherry and purple, purple blotch on white ground. 10c.
BRENCHLEYENIS. Rich, dark scarlet; very brilliant, fine for massing. 6c.; 60c. per doz.
B. Babourdin. White, large carmine blotch. 10c.
***Cameleon.** Magenta, lilac shaded toward the center, flamed with dark lilac. 10c.
Canary. Light yellow, streaked with rose. 15c.
Ceres. White, flamed lilac. 10c.
Conde. Orange red, white blotch, feathered carmine. 15c.
***Cicerou.** Large, open, dark rose tinted velvet carmine, and flamed white throat. 20c.
***Carnation.** Flesh white, edge tinged carmine, blotched on lower petals with purplish carmine. 10c.
Eldorado. Fine yellow, marked with red. 12c.
***Emilie.** White, suffused rose, brown blotch. 12c.
EUGENE SCRIBE. Large white, tender rose, flamed with carmine red. 10c.; 70c. per doz.
Fulton. Velvety vermilion, purple stain. 10c.
Grand Lilas. Delicate lilac, new shade. 15c.
***ISAAC BUCHANAN.** Best pure yellow variety; for massing or bedding. 10c.; 70c. per doz.
John Bull. Ivory white, tinted yellow and lilac; one of the finest varieties. 10c.; 75c. per doz.
***LA CANDEUR.** Considered the best white variety for foreing and cut flower use, fine for foreing. 10c.; $1 per doz.
***Leander.** Lilac, carmine, white blotch. 12c.
James Carter. Light orange red, white throat. 10c.
Lamarck. Long spikes, cherry, tinted orange, flamed red, center lighted; large white stain. 12c.
Lord Byron. Scarlet, white spots. 10c.
***MARTHA WASHINGTON.** Large, light yellow; brown petals, tinted rose; fine spike; branching habit, one of the finest. 10c.; $1 per doz.
Mdm. de Vary. French white, purple carmine blotch. 15c.
Mazeppa. Orange rose, large yellow blotches, flamed red. 10c.
NAPOLEON III. Bright scarlet and white. 10c.
Pactole. Pure yellow, rose border, lower petals shaded with darker yellow. 15c.
Prince of Wales. White, flaked carmine. 10c.
Rose Perfecta. Rose, violet tint, striped white. 10c.
Romulus. Intense dark red, blotched white. 10c.
Robert Fortune. Orange lake, shaded to crimson, veined white. 15c.
Snow White. Finest new; the best pure white, large well opened flower with large spike; perfect, beautiful shape. 25c.; $2.25 per doz.
Sylphide. Long spike, white, flamed carmine. 10c.
SHAKESPEARE. White, rosy blotch; one of the earliest to bloom, used for forcing. 10c.
Vesta. Pure white, with purplish carmine blotch on yellow ground. 10c.
Vulcan. Velvety scarlet purple, shaded violet purple in center. 15c.
***Zenobia.** Rose tinted violet, flamed dark carmine, large blotch, flamed crimson. 10c.

The collection of 8 varieties in **BOLD FACE,** 75c.

One dozen choice named from above list amounting to $1.50, *your selection, will be forwarded for* $1.20.

Extra choice selection Gladiolus, $1.50 *and* $2 *per dozen.*

The mixtures, separate colors and seedlings below will be found to contain some of the very finest named sorts from many hundred varieties. The bulbs will be found equal to any offered by other leading florists, and the price exceedingly low, considering the varieties the mixtures contain.

The prices below are when ordered by express; add 8c. per dozen when sent by mail.

	PER DOZ.
Various shades of red and scarlet,	**.30**
" " of pink,	**.50**
" " of light and white,	**.50**
" " of yellow,	**.50**
" " of variegated,	**.35**
Buff, Salmon, Lilac,	**1.00**
Seedlings, extra choice mixtures, 100 $3.00.	**.50**
All shades and colors, per 100, $2.	**.30**
Extra Choice, all shades and colors, per 100 $2.50.	**.50**
Lemoines Hybrids, in best mixtures, per dozen,	**.75**

**For named varieties, those marked with a star are among the best in contrast of color, fine habit and beautiful markings.*

The set of 12 for $1.60; *by mail* $1.68. *Retail value* $2.

Among the mixed seedlings are many superior to the general list of named sorts.

LANTANAS.

Are exceedingly handsome and easy of cultivation; blooming abundantly eight months in the year; never attacked by insects.

Alba Perfecta. Pure white, very fine.
Hector. Very dwarf, large flower, yellow.
Javoi. Pure white, large flower
Monfeck. Crimson, compact habit.
Mdm. Carlott. Orange red, yellow center.
Nellie Bly. Large white flower, having the fragrance similar to heliotrope; the finest of all.
Pluie d'Or. Pure yellow.
Pyrophoie. Dwarf, bright red.
Seraphine. Large yellow flower.

Price, 10c., 15c. and 20c. each, according to size.

LEMON VERBENA.

A well-known tender shrub, used for green in cut flowers, noted for the delightful fragrance of its leaf. 15c. and 20c. each.

LOBELIA.

A very useful plant for hanging baskets or ribbon beds; flowers of all shades, from white to the deepest blue. 10c. to 15c.; $1 to $1.50 per doz.

MADEIRA VINE.

The Madeira Vine is a beautiful climber, with thick, glossy, light green, almost transparent leaves, and climbing habit. Bulbs, 6c.; 50c. per doz.

MYRSIPHYLLUM ASPARAGOIDES.

Smilax.

SMILAX.

No climbing plant surpasses this in graceful beauty. Is one of the most useful greens in cut flower work Bulbs, 10c. to 15c.; $1 to $1.50 per doz.

PANSY.

PANSY.

The improvements made in the varieties of Pansies have rendered them extremely popular plants for early spring, summer and autumn flowering. For massing in flower beds no plant is more essential. Plants from my improved large flowering strain, 5c each; 50c. per doz.; $3 per 100. From fine mixtures, 40c. per doz.; $2 per 100.

Plants are seedlings from the very choicest varieties.

FANCY REGAL PELARGONIUMS.

Beautiful colored flowers, very rich and showy.

Mdm. Thibeaut. Truss and flowers large; frilled. White, blotched and marbled with rose; upper petals marked dark maroon blotches; center white, 50c.

Black Prince. Chocolate maroon, circle of white on the outer edge. 40c.
Dr. Keith. Beautiful rosy crimson, edged white, maroon blotched with white center, frilled; 30c.
Madou's Victor. Light scarlet, maroon blotch, white center 35c
Dr. Mastlers. Dark maroon, with maroon margin of crimson. 35c.

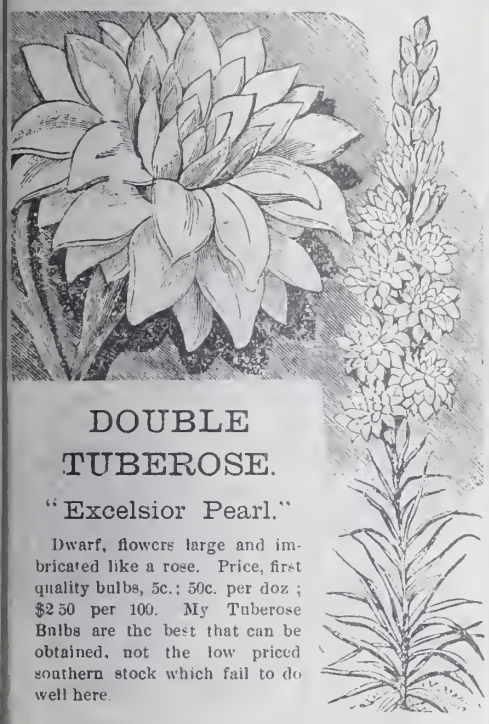
Standard Spotted and Showy Pelargoniums.

I offer a carefully selected collection from the best English and French varieties, sometimes known as the Lady Washington or Pansy Geranium. Large plants, 35c. and 50c. each; $4 per dozen. Medium size, 25c. each; $2.25 per dozen, except where noted.

Admiration. Carmine and white, blotched, maroon and velvet.
Conductor. Large frilled flowers, crimson, maroon, blotched.
Eclipse. Blackish maroon, edged crimson.
Gen. Sand. Orange salmon and pink; superb; one of the best.
Lucy Morton. Nearly pure white with blotch.
Mrs. Bradshaw. Large white, with purple blotches.
Mdm. Vibert. Delicate rose; large flower.
Mabel. Maroon and violet blotched, spotted crimson.
Queen of White. Silver white.
Vicountess La Bertha. Crimson maroon blotched.
Victor. Deep rose, maroon blotch.

The following are good market sorts, blooming early. 25c.; $1.25 per dozen.

Bride. Rose and maroon.
Cambridge Pet. Dwarf; free.
Emperor. White, marble rose, maroon blotch.
Gen. Taylor. Deep rose, maroon blotch.
Gen. Avener. Variegated.
Princess Teck. White rose, maroon.
Belle of Paris. Carmine rose, maroon blotch.



DOUBLE TUBEROSE.

"Excelsior Pearl."

Dwarf, flowers large and imbricated like a rose. Price, first quality bulbs, 5c.; 50c. per doz; $2 50 per 100. My Tuberose Bulbs are the best that can be obtained, not the low priced southern stock which fail to do well here.

EXCELSIOR PEARL TUBEROSE.

PETUNIAS, Double.

The list below will be found one of the finest collections. They are all very double, beautifully marked, and many of them finely fringed. Price, 15c. and 20c.; $1 50 to $2 per doz.

Ada. Large flower, crimson edged white.
Columbia. White, crimson center.

DOUBLE PETUNIA.

Elvira. White, mottled carmine center.
Eureka. Rich purple, rarely striped with white, fine form, large flower.
Exquisite. Beautiful pink, veined with a fine line of purple.
Fortuna. Blush White, center splashed purple crimson.
Incomparable. Rich crimson, shaded purple, heavily fringed white.
Mrs. Morton. Large fringed white, very double.
Volunteer. White, with large, rosy, crimson blotches.
Snowdrift. Pure white.
Norma. White, sometimes a blotch of purple.

PETUNIAS, Single.

From seed, varying through all the shades of crimson and rose to purest white, striped, mottled, and self-colored; from superb strain of Hybrida Grandiflora. Price, 10c.; 75c. to $1 per doz.

PALM.

PALMS.

Palm Plants of following varieties:

Areca Lutescens, Kentia Belmoreana, Kentia Fostoriana, Phœnix Reclinati, Lantana Barboulea, Seaforthia Elegans, Washingtonia Filifera.

50c., 75c. and $1; large plants, $1 to $3; 2 seeds each of the 7 named varieties, 25c.

Washingtonia Filifera. This has large fan-shaped green leaves, on which hang thread-like filaments several inches long, giving it a graceful and beautiful appearance. Large plants, 50c. to 75c.

MANETTIA VINE.

A rapid growing, twining plant, producing tubular flowers about 2 inches in length, covered with bloom the entire season, of flame color tipped with yellow; grows and blooms in any ordinary soil, and given strings or wires to cling to will attain a height of from 4 to 6 feet in one season. Not hardy, but for the house as a pot plant, where, trained to a stake or trellis and grown in this way, it may be had in bloom the entire season. Price, 15c. each; $1.50 per doz.; large strong plants, 25c. each.

GENESTA CANARIENSIS.

GENESTA CANARIENSIS.

For decorative purposes or as a house plant this is one of the easiest to care for, making free growth, and covered with bright yellow flowers from February to autumn; few plants bring better return for care required, on account of its profuse blooming qualities. The engraving shows an enlarged branch and flower, representing the plant when commencing to bloom. It is a valuable plant for decorative purposes at Easter, usually being in full bloom at that time. Price, 15c.; large plants, 25c. to 50c.

TRY A BED

—OF—

EVER-BLOOMING ROSES.

See Next Page.

EVER-BLOOMING ROSES.

This class comprises the Tea, China, Bourbon, Noisette and Polyantha, all continual bloomers, commencing early in the season, growing and blooming profusely the whole season until checked by frost. Some varieties flower more freely than others. Tea roses are the most beautiful in bud, but the most tender from freezing weather. **Bourbon** and **China,** are of nearly the same habit, very free bloomers, but more hardy than the tea rose, often remaining in the ground in winter without injury. **The Noisette,** many are quite hardy but rapid growers, and are used in warm climates, like California and the southern states, for verandas and in the greenhouse for climbing to rafters, blooming in the greenhouse the whole winter and in a warm climate almost the whole year, hundreds and thousands of blooms being cut from one plant during the year. Are tea scented, very double, and comprise all colors.

The Polyantha, are of recent introduction, the first being sent out from Japan; are dwarf, free growing, hardy and abundant bloomers, with small and medium size, very double flowers of white, pink, and buff colors.

All these classes are extensively used for bedding for summer cut flowers and give better satisfaction than any other class of roses. When left in the open ground during winter, if killed down, will often throw out new growth from the root, and continue to grow vigorously, and bloom the whole summer. The old wood should be cut out when the new growth appears.

Should the roses be entirely destroyed, it is no serious matter, as they can be replaced with a trifling expense. Verbenas, Geraniums, Foliage and many other plants are destroyed by frost annually and replaced in the spring with new. The rose is no more expensive, and generally young plants will do the best. No plants will better repay their cost than a bed of ever-blooming roses. The dead branches should be cut back to the live wood. If the plants are lifted in the fall into boxes of earth, cut back, and kept in a cool cellar, giving water enough to keep the bark from drying, they can be planted out in the early spring, and will start into bloom in a short time. If wanted for winter blooming, they should be kept in pots during the summer, keeping the buds picked off, plunging the pots in the open ground to the rim, shifting once or twice during the summer, as it grows to a larger size.

To those who are not acquainted with the varieties, and stating what colors they prefer, or whether for pot culture, bedding out or climbing, and when left with us, we will guarantee to select varieties that will please you, always sending named varieties, and labeled.

I keep in stock about all standard useful varieties, but are not illustrated in high colored paintings. Have them in all stages of growth from two inches to two feet high, three months to two years old, at prices varying from 10c. to 50c. each. Equally as good and strong, as hardy and **healthy** as from any other grower, and, in cases, better plants for less money, and much of our stock is more hardy from a northern climate than one would suppose, consequently giving better results.

I grow Roses in large quantities, and our system of packing is so complete, that I safely send roses and all other plants to all parts of the United States by mail or express with perfect safety, and

GUARANTEE them to reach the purchaser in good growing condition. They are grown in pots on their own roots, healthy, equal to any roses grown in this country of the same size and price.

If good strong blooming plants are wanted it is best to order the large size. If not particular about blooms until late, the smaller size will answer, if you can wait two or three months for them to grow.

I send by mail with cash orders, postage prepaid, or by express, paid by the purchaser, at the following rates, each variety labeled and guaranteed to arrive safely; purchaser's choice of varieties.

For general list I send for $1, 7 roses; for $2, 16 Roses; for $3, 24 Roses; for $4, 32 Roses; for $5, 40 Roses; for $6, 50 Roses; for $10, 100 Roses.

I can also send a smaller size by mail or express for **$1 per dozen; $2 for 25; $3 for 50; $5 for 100.**

My selection of varieties, $5 per 100.

Above prices do not include Moss or Hybrid Roses.

My Roses are wintered in cool houses, and are in condition to give very best results for summer blooming. Remember, these roses are not forced, but grown at the North in cool houses, and generally give my customers better satisfaction than those grown in a warmer climate.

12 Ever-blooming Roses.

Half-hardy, will endure the winter with little protection by covering with straw, leaves, or any other coarse litter. Tops will sometimes winter kill, but roots will send up strong shoots, giving a continued bloom from June to October.

Agrippina,	**Duchesse de Brabant,**
Luculeus,	**Marie Guillot,**
Clothild Soupert,	**Washington,**
Hermosa,	**Louis Phillippe,**
Bongere,	**Mrs. Degraw,**
Caroline de Marnesse,	**Queen's Scarlet.**

15c. each; $1.50 per dozen; $8 per 100. Second size, 10c. each; $1 per dozen; $6 per 100.

12 Tea Roses.

If you are in search of 12 good Tea Roses of free growth and among the best to bloom with contrast in colors, you will be pleased with this selection. For description of colors, see next page.

Maria Van Houtte,	**Mdm. Waterville,**
Malmaison,	**Duchesse de Brabant,**
Bon Silene,	**Isabella Sprunt,**
Sou. Wooton,	**Saffrano,**
Douglas,	**Snowflake,**
P. Goutier,	**Mermet,**

Price, strong plants, 15c.; 8 for $1; 16 for $2; all labeled. Second size, 10c. each; 12 for $1; $6 per 100.

12 Choice Forcing Roses.

Among the choice fancy Tea, and most popular forcing varieties for cut flowers, the following list will be found to contain the best varieties. Price, strong plants, 15c. each; the set of 12, $1.50.

Catharine Mermet,
Madam Waterville,
La France,
Sou d'Un Ami.
The Bride,
Malmaison,
American Beauty,
Meteor,
Perle des Jardins,
Papa Goutier,
Mdm. Hoste,
Wooton,
Waban.

12 Good Standard Roses for House Culture.

Price, strong plants, 15c. each; 12 for $1.50, except where noted. Second size, 10c. each; 12 for $1.

Hermosa,	**Isabella Sprunt,**
Duchesse de Brabant,	**Queen's Scarlet,**
Safrano,	**Marie Guillot,**
Snowflake,	**Sou d'Un Ami,**
Agrippina,	**Mignonette,**
C. Soupert,	**Bon Silene.**

12 Hybrid Perpetual Roses, $2.

Are hardy and will stand our cold winters without protection, blooming about three times during the summer. Price 20c. each; $2 per dozen; $12 to $15 per 100; small size, 15c. each; the 12 for $1.50; strong one and two year old plants, extra size, 35c. to 50c. each; $15 to $25 per 100.

Anne de Diesbach,	**La Reine,**
Mdm. Plantier,	**Paul Neyron,**
B. Rothschild,	**Pierre Notting,**
Magna Charta,	**John Hopper,**
La France,	**Capt. Christy,**
Gen. Jacqueminot,	**Prince Camille De Rohan.**

THE BRIDE. See next page.

The set of Five Collections, or Sixty Roses, for $7.

New, Choice and Scarce Roses.

In this list will be found some of the choicest and well tried varieties of Fancy Tea Roses. They are all worthy of cultivation, where quality and beauty is wanted. Price, 20c. each, except where noted.

Bridesmaid. A new forcing Tea Rose, a sport from Mermet, of deeper color. Price, 50c.

American Belle. A sport from American Beauty; fragrant, hardy and very large; of deep pink; distinct in flower and foliage. A new forcing rose now just offered; plants ready April 20th. $1 each.

Empress Augusta Victoria. (New.) Soft pearl white, Tea Rose, free. 50c.

Climbing La France. (New.) Similar to La France, of climbing habit. 50c.

Mdm. C. Testout. Clear pink, Hybrid Tea; after the style of La France; new and promising variety for forcing. 50c.

American Beauty. Light crimson; large, full, fragrant. Popular for forcing; a Hyhrid Tea.

BRIDE. Large, pure white; perfect form, of superior quality; fine fragrance; strong grower. 15c.

C. MERMET. Silver rose, shaded amber and fawn center; beautiful, double and sweet, elegant rose. One of the finest Teas. 15c.

CLOTHILDE SOUPERT. A new ever-blooming Polyantha variety. One of the best in the list; free, full and double. 15c.

Coquette de Lyon. Canary yellow, double, large flowers; beautiful bud; tea-scented.

CATHERINE MERMET.

Cornelia Cook. Pure white, very large and double.

Climbing Perle des Jardins. Similar every way to Perle des Jardins Tea Rose, but of rapid, climbing growth. Price, 50c.

Climbing Niphetos. Like Niphetos, but climbing.

Duchess of Albany. Hybrid Tea; similar to La France, of a deeper shade.

Dr. Reymont. Hardy ever-blooming; a new class of Hyhrid Polyantha, color, vermilion red; attractive.

Pink Rover. A new Bourbon of 1891; flower large, double; plant vigorous; color, delicate rose, similar to Malmaison.

Summer Queen. Bright silvery pink, hardy, very free bloomer.

Mdm. Pierre Guillot. Large Mermet-like buds, of a cream yellow, edged rose; blooms freely, a good forcer. See illustration on cover.

Waban. Similar to Mermet, but of a deeper shade of pink.

MRS. PAUL. A new Bourbon rose. Satin white with rose shading, like Malmaison in growth and form of flowers. Won several prizes over all competitors; a valuable new rose. Price 25c.

WOOTON. Deep pink; free.

MRS. DEGRAW. Deep pink; very free.

ETOILE DE LYON. Yellow; double; strong grower.

MARIE VAN HOUTTE. White tinted yellow; delicate shaded rose; large; double; full, fragrant.

Marie Guillot. Pure white; large, full and double; tea scented.

Meteor. For bedding or forcing. Rich dark crimson.

Mdm. Cusen. Rosy red; a popular forcing rose.

Mdm. Geo. Bruant. White, fragrant, long buds, hardy, free bloomer.

Mdm. Hoste. Light yellow; new forcing rose; fine bud and full double flower.

Mdm. Etienne. Pink Tea Rose, called by the French, Dwarf Mermet. The flowers are large, double, delicate pink.

MDM. WATERVILLE. Known as the tulip rose; beautiful pink, edged white.

The Queen. Large, pure white, a sport from Souvenir D'Un Ami, whose qualities are already well known; vigorous and free bloomer, early, of good substance.

PERLE DES JARDINS. Fine canary yellow; fine, large full form; good winter bloomer. 15c.

PAPA GONTIER. Large, long, dark pink buds; exceedingly free in growth and bloom. A fine forcing rose. 15c.

Rainbow. A new rose from California; white pink with orange tint, very double; tea scented.

SOU DE WOOTON. Hybrid Tea; lighter shade of pink than American Beauty.

Sou Victor Hugo. A remarkably handsome, distinct shade of carmine rose, with large full flowers.

Sappho. Fawn rose tint, a good bedding rose for summer.

Sou de Therese Levet. Attractive Tea Rose, scarlet crimson, large and full.

Sunset. A bright canary yellow, shaded to fawn; very double.

Viek's Caprice. New, hardy; pink and white; striped.

Snowflake. Pure white, free; good house rose.

Mary Washington. The introducer states the original stock was recently taken from a rose raised by George Washington at Mount Vernon 100 years ago. It is a hardy perpetual ever-blooming climber with large, double white flowers, blooming from June to frost. It will require protection in this climate in winter. Price, 25c.

Summer Queen. The introducer of this rose states it is fully equal to the best in point of size, fragrance and form, surpassing all hybrid perpetuals in vigor, health and profusion of bloom. For several years it has been grown as a winter bloomer, cutting as many as 1200 flowers from one plant, a record unknown before. It is entirely hardy, with large, silvery pink flowers. Price, 25c.

Marion Dingee. A strong, vigorous grower. The flowers are large, beautifully cup-shaped, moderately full, and borne in profusion through the growing season. The originator says, we scarcely know of any other rose that will produce so many perfect flowers in a given time, and whether in open ground or under glass it is a most constant and profuse bloomer. It is deep brilliant crimson, one of the darkest, if not the very darkest and richest colored Tea Rose in existence. 30c.

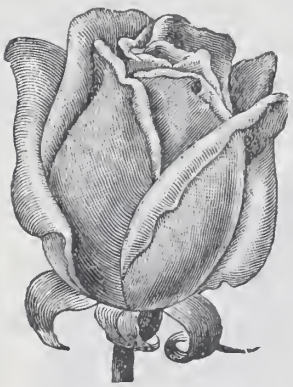
Hardy Bedding Rose, Dr. Reymont. This hardy, ever-blooming sort was obtained by crossing the well-known Gen. Jacqueminot and the Rosa Polyantha or Multiflora. It inherits the hardiness and splendid crimson-colored flowers with the profuse blooming qualities of the Polyantha class, thus combining the two qualities most desired in a garden rose. Is entirely hardy, ever-blooming and delightfully fragrant. 25c.

White Tea Rose, The Queen. A grand white ever-blooming Tea Rose. The Queen is a large, pure white, free-blooming Tea Rose, a sort of Souv. d'un Ami, whose many good qualities it possesses. A continuous bloomer, producing successive crops of buds and flowers in great profusion; buds beautifully formed, petals of best substance. Color, pure white, scented; a vigorous and healthy grower. 20c.

Champion of the World. Deep rose, hardy, free. 20c.

GENERAL COLLECTION.

Ever-blooming Roses.



PERLE DES JARDINS.

Price, strong plants, 15c.; 7 for $1; 16 for $2; 24 for $3; 32 for $4. I can furnish a small size of those marked with a * for 10c.; 12 for $1; 25 for $2. For club rates see preceding page. 100 for $6, purchaser's choice, or 100, my choice of variety, for $5. See collection.

***AGRIPPINA.** Brilliant crimson, early and profuse bloomer; excellent for house or bedding.

***Arch Duke Charles.** Crimson scarlet, shaded.

***Ameriea.** Delicate pink, large, changing to coppery yellow; full and double, strong grower; good climbing southern rose.

***Bourbon Queen.** Large, full and sweet; carmine and rose.

***Bougere.** Rosy bronze, superb, large, full, fragrant.

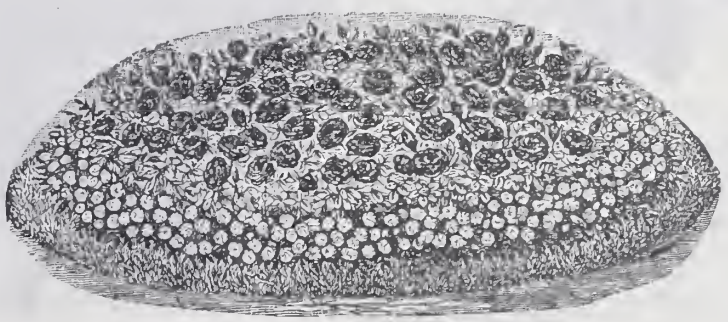
***BON SILENE.** Noted for the beauty of its buds; deep rose color, but changeable, very sweet and fine in every way; one of the best forcing roses; tea scented.

Carolline de Marinesse. White, double, and a constant bloomer; medium size; in clusters.

Cornelia Cooke. Pure white, very large and double; much used as a forcing rose.

***Chromatella.** Clear, fawn yellow, good form and substance; strong grower.

Countess la Bertha. Rose salmon, shaded amber; cupped and fragrant.



A BED OF EVER BLOOMING ROSES.

*__DUCHESSE DE BRABANT.__ Soft, rosy flesh, edged with silver rose; free; one of the best for any purpose.

*__DOUGLASS.__ Dark crimson, fine color and a good bloomer; a good forcing rose.

__Gloire de Dijon.__ Large, very double; creamy yellow, shaded salmon.

__Helvetia.__ Beautiful, golden salmon.

__Monthly Cabbage.__ Deep rose, good bedder or house rose

*__HERMOSA.__ Clear rose, fragrant; a constant bloomer, hardy, excellent house or bedding rose; the best for all purposes.

*__ISABELLA SPRUNT.__ Canary yellow, beautiful buds, profuse bloomer; a good forcing rose.

*__LOUIS PHILLIPPE.__ Velvety crimson, profuse bloomer; medium size, good for house or bedding.

__La Pactole.__ Sulphur yellow, tea scented.

*__Laurette.__ Creamy white, shaded rose, flesh colored center; good for bedding.

*__Lamarque.__ Pure white, flesh center when full open; very double; fine for rafters.

*__LUCULUS.__ Beautiful dark crimson, good for house or bedding.

__MARIE VAN HOUTTE.__ Fine large white, fragrant; good grower and bloomer.

__Mdm. Rachel.__ Pure white, double; beautiful in bud; a good house rose and fine bedder.

*__MDM. BRAVY.__ Creamy white with blush center, perfect form; one of the best for all purposes.

*__MALMAISON.__ Pale flesh with rose center, very double, full and sweet; one of the finest varieties; hardy.

*__MARECHAL NEIL.__ Flowers very large, double and deliciously perfumed; deep yellow, buds immense size. A fine rafter rose.

*__NIPHETOS.__ Pure white, lovely buds; largely grown for cut flowers in winter; good forcing rose, not a good bedder.

*__Nina.__ Silvery white, with rosy blush; good form.

*__PERLE DES JARDINS.__ Canary yellow, very large, full, and fine form; good winter bloomer; largely used for forcing; tea scented.

__Queen of Bedders.__ Good grower; dwarf and branching, dark, rich, velvety crimson, very double.

__QUEEN'S SCARLET.__ Rich crimson scarlet.

__Rovolli.__ Large, silver rose, cup shape.

*__SAFRANO.__ Bright apricot, changing to fawn; beautiful buds; a constant and profuse bloomer; good for bedding or forcing; tea scented.

__SOMBREUIL.__ White, edged and tinted rose, sweet and large; excellent for bedding.

MALMAISON.

*__Solfatarre.__ Sulphur yellow, lovely buds; full and very sweet; good grower and fine bloomer; a good rafter rose.

*__SANGUINEA.__ Deep red, very bright and distinct.

__SOU D'UN AMI.__ Deep pink; good for forcing; fine bud.

*__Washington.__ Pure white, double; vigorous grower, and blooming profusely in large clusters.

The varieties in bold face are the most useful varieties for bedding and general culture which I grow in large quantities

The Collection of 15 Varieties,	$1.00
Medium Size,	1.50
Strong Plants, 4 and 5 inch pots,	2.50

HYBRID PERPETUAL ROSES.

HYBRID PERPETUAL.

They are valuable for general collection, having a hardy constitution, vigorous growth, and bearing throughout the summer and autumn flowers of elegant beauty and delightful fragrance. They grow best in a rich, stiff loamy soil, and should be carefully top dressed with stable manure in the fall. They may be massed in permanent beds, and in the spring and fall will make a gorgeous display of their rich bloom.

Do *not* prune in the fall, but on the approach of winter cover your plants with light straw or hay. This will protect them not only from the cold, but from the intense heat of the sun, which striking the stem when the sap is down, is very injurious. After the frost is over in the spring, remove the straw, and prune down to within two or three eyes of the ground, manure liberally, and an abundant crop of roses throughout the summer and fall will be the result. Price, small plants, 15c. each; 7 for $1; 15 for $2; also see index for club rates. 32 for $4, except where noted.

Extra large plants from 4, 5, and 6 inch pots, 20c., 25c., 35c. to 50c.; $2, $3 and $4 per dozen; $15 to $25 per 100.

The varieties in bold type I grow in large quantities and are considered the best for all purposes in this class of roses.

__Alfred Colcomb.__ Large, globular form; full and very sweet; bright clear rose.

__AUGUSTA MIE.__ Clear, bright pink; very large and finely cupped; fragrant.

__ANNE DE DIESBACH.__ Carmine, fine and double. One of the most hardy.

__Baron de Bonstetten.__ Large, very double; dark red, almost maroon, fragrant; strong and vigorous.

__Ball of Snow.__ (Boule de Neige.) Large, double, pure white; very hardy, blooming freely in summer.

__Baronne Prevost.__ Beautiful, pure, bright rose, shaded crimson; very large; finely perfumed.

__Baroness Rothchild.__ A very popular rose. They are immense in size; color white, tinted rose; its handsome foliage comes close up to the flower, representing a bouquet in itself. 20c. to 30c. each; large size, 40c.

__Climbing Victor Verdier.__ Rosy carmine, edged with purple; very large, full and fragrant.

__Coquette des Alps.__ One of the finest white Hybrid Perpetual; a profuse bloomer, flowers white.

__Countess of Oxford.__ Noted for its immense size, full form and delicious fragrance; soft, rosy carmine.

__CAPT. CHRISTY.__ Beautiful flesh color.

__Dinsmore.__ Dark crimson, full bloomer.

__Eugene Verdier.__ Silvery pink, large and full; beautiful buds and foliage.

__GENERAL JACQUEMINOT.__ Rich, velvety crimson, changing to scarlet crimson; magnificent buds; one of the finest and most free bloomers in its class.

__Gen. Washington.__ Vermilion crimson; large, fine form perfectly double; free bloomer, fragrant.

__Gloire Lyonaise.__ White, pale yellow center; large, fine flower.

__JOHN HOPPER.__ Rosy crimson center, large and full; one of the best of its color.

__Jules Margotten.__ Bright cherry large and full.

__LADY EMILY PEEL.__ Medium size and full form, sweet; color, white, sometimes tinged and shaded with blush.

__LA RENIE.__ Beautiful, clear, bright rose; fine, full form; very fragrant.

BARONESS ROTHCHILD.

__LOUIS VAN HOUTTE.__ Brilliant crimson; large, full and fragrant.

__Mabel Morrison.__ Pure white; one of the most beautiful roses; strong, large plants.

__Merville de Lyon.__ A sport from Baroness de Rothchild; large, pure white, and very fine. 35c.

__MAURICE BERNARDIN.__ A splendid old rose, one of the very best; rich, velvety crimson.

__MDM. VICTOR VERDIER.__ Bright cherry red, changing to satin rose.

__MDM. PLANTIER.__ Pure white, double; a good cemetery rose; one of the very best hardy roses.

__Mdm. Alfred de Rougemont.__ One of the best white; free bloomer, in clusters.

__MAGNA CHARTA.__ Rich, dark pink; one of the very best.

__Marshall P. Wilder.__ Cherry carmine, free in growth and bloom.

__Marshall P. Wilder.__ Crimson shade, deep and rich.

__Mdm. Gabriel Luizet.__ Satin rose; one of the finest pink roses in its class; hardy.

__Maria Bauman.__ Carmine crimson; large, full; of good form and color, fragrant.

__Mrs. John Lang.__ Beautiful light shade of pink.

__Mdm. Trotter.__ Deep pink, medium size flowers; very hardy, free grower.

__Pæonia.__ Flowers carmine, a free bloomer; one of the finest old roses.

__Vick's Caprice.__ Flower pink, striped white; very double, good grower, full bloomer.

__Pierre Notting.__ Deep, blackish red, very dark; large and very double.

__Princess Louise Victoria.__ A carmine rose of climbing habit,

medium size: full and sweet.
PAUL NEYRON. Deep carmine; large, full, free, fragrant; an excellent rose.
Perfection des Blanche. A pure white, double and fragrant.
Queen of Queens. Pink, blush edges; large, full, good form.
Rev. J. B. Camm. Carmine rose, enduring shade; globular form; very fragrant and free blooming.
Reynold's Hole. Dark velvety crimson maroon; flowers large and full.
Victor Verdier. Rosy carmine; fine; large, free bloomer.
PRINCE CAMILLE ROHAN. Rich, dark velvety crimson, changing to maroon; full, very double and sweet.

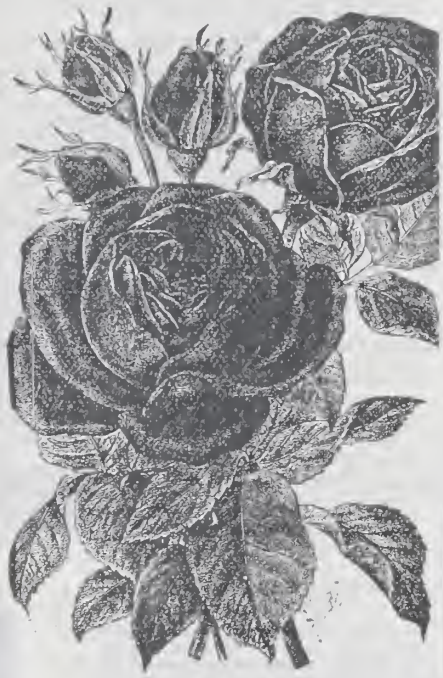
The collection of 13 varieties (good strong plants from three and four inch pots) in bold type, $2; second size, 13 for $1.50; extra strong plants, 35c. each; $3 to $4 per dozen.

Hybrid Tea Roses.

This class contains the free flowering qualities of the Tea Rose, the hardiness of the Hybrid Perpetual, and is inclined to render them a valuable class of roses for the amateur and florist. For out of door planting they are desirable on account of their hardy constitution, producing flowers of the rich colors and delicious fragrance of the Hybrid Perpetual. They are considered hardy, but if protection is given them, north of New York, they will make better growth and bloom more freely.

GEN. JACQUEMINOT.

American Beauty. One of the finest; very large and double; fragrant; deep pink; extensively used for a forcing winter rose. 20c to 30c. each
Duchesse of Albany. A sport from La France, of similar habit; much deeper color. 20c. each.
LA FRANCE. Beautiful pale peach, changing to deep rose, shaded center; very large and full; free bloomer; delicious tea fragrance; one of the best for open ground, or in pots; 15c. each; large plants from 4, 5 and 6 inch pots, 25c. 35c. and 50c. each.
Lady Mary Fitzwilliams. Delicate flesh; large, globular, full and fragrant; a beautiful rose. 20c.
PIERRE GUILLOT. Large, beautiful buds, on strong, upright stems; color, bright crimson, with rich Hybrid Perpetual fragrance. 20c.
American Belle. (See Novelties.) $1 each.
Queen of Bedders. Deep crimson. 20c.
Reine Marie Henriette. One of the finest in the list of Hybrid Teas. Its buds are long, pointed, large, of a beautiful, light soft crimson; very double when open; blooming in clusters. Is very hardy, standing the winter here without protection; blooming profusely in June, and continuing during the summer. Price, 15c. each; strong plants, 20c.
Souvenir de Wooton. A new forcing variety, and now becoming one of the most popular red forcing roses, good substance; dark crimson; free bloomer, keeping well after being cut. 15c., 20c. and 25c.



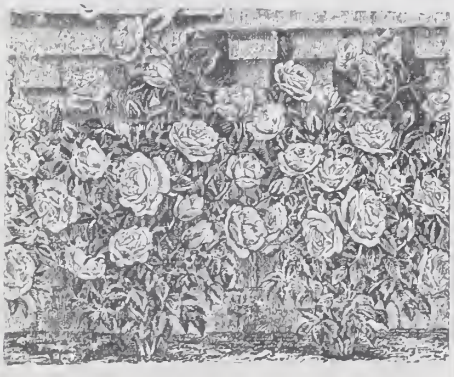
SOU. DE WOOTON.

Among large plants of which I carry a stock from 5 and 6 inch pots are the following, which should be ordered by express; 4 inch pots, 25c; $2.50 per dozen; 5 inch, 35c. each; $3 per dozen; 6 inch, 40c. to 50c. each; $4 to $5 per dozen, according to variety.

Anna de Diesbach,
A. de Bonstetten,
B. de Rothchild,
Gen. Jacqueminot,
J. Hopper,
Magna Charta,
M. Bernardin,
Pierre Notting,
Lady E. Peele,
R. Marie Henriette,
Prince Camille de Rohan,
Augusta Mie,
Capt. Christy,
Ulrich Brunner,
Gen. Washington,
Victor Verdier,
Paul Neyron,
Perle des Blanches,
La France,
Hermosa,
S. de la Malmaison,
De Graw,
Bon Silene.

TEAS.

Duchesse de Brabant,
Marie Van Houtte,
Mdm. Bravy,
Safrano,
Catherine Mermet,
Waterville,
Solfataire.
Niphetos,
Wooton,
Lamarque,
Marechal Niel,
Perles des Jardins,
Gontier,
Bride,



SELECT HARDY PERPETUAL ROSES.

Six Select Hardy Perpetual Roses, which will represent as in illustration below, free growth and bloom; very desirable; with good culture to give entire satisfaction. Large, strong plants, two years old, 35c. each; the set of six, $1.75.

Augusta Mie. Delicate pink.
Magna Charta.
Paul Neyron. Large, glossy pink.
Reine Marie Henriette. Deep, dark pink; fine bud.
Gen. Jacqueminot. Dark crimson.
Dinsmore. Crimson.

Six other good hardy Roses at same price as above.

Augusta Mie. Large light pink, free.
Prince Camille de Rohan. Crimson.
Coquette des Blanches. White.
Capt. Christy. Flesh pink.
John Hopper.
Ulrich Brunner.
Extra large plants of perpetual ever-blooming and climbing roses, 35c to 50c. each; $3 to $4 per doz.
PREMIUM AND CLUB ORDERS, see index.

Moss Roses.

The Moss Rose is a hardy, out of door plant; once set out will take care of itself if the ground is kept free from grass and weeds, and manured yearly in the fall or spring. The beautiful mossy buds, produced in clusters from 25 to 200 in number on one plant, always attract the attention of every lover of Roses, blooming during the summer but once, in June. They can be easily forced in the greenhouse, and buds often bring high prices. (See cut.) Price, 25c.; $2.25 per doz. Extra large plants, 1 and 2 years old, 50c.; $4 per doz.

MOSS ROSE.

Adelaide. Pale rose.
Comtesse de Murinais. Large, pure and beautifully mossy; perfectly hardy.
Captain Ingram. Purplish crimson, violet shaded; large and very mossy.
Common Blush. Large, full, double, vigorous grower and free bloomer.
Glory of Mosses. Pale rose; very large, full and beautiful.
Luxemberg. Fine, purplish crimson; large cupped, free bloomer.
Salet. Bright crimson; free; one of the best.
Perpetual White Rose. The finest perpetual white Moss Rose, double, fragrant; buds covered with moss; blooms in clusters; a profuse bloomer, valuable for cemeteries. Price, strong plants, 50c.; young plants, by mail or express, 30c.

Southern Climbing Roses.

About Washington and farther south these are hardy in winter, and give a profusion of bloom from February to December when planted to climb over porches, verandas or trellis. See description under Ever-blooming Roses.

America,
Glorie de Dijon,
Solfataire,
Reine Marie Henriette.
M. Neil,
Washington,
Lamarque,

Climbing Prairie Roses.

Most of the following are hardy as far north as northern Vermont. For covering buildings, walls, trellises,

trees, etc., are much used. Their immense clusters of beautiful flowers, luxuriant foliage, perfect hardiness and rapid growth, make them desirable to every one who wants a fine climbing rose. 15c.; 7 for $1; 16 for $2.

Baltimore Belle. Pale blush, becoming nearly white, double; one of the best.

Gem of the Prairie. Light crimson, free blooomer and very double; one of the best.

Queen of the Prairie. Deep rose; large and globular, in great clusters, hardy and vigorous; the very best of its color.

Russell's Cottage. Bright scarlet crimson.

Seven Sisters. A strong and rapid grower with seven blooms in a cluster, hence its name.

Mrs. Grunnell. Rosy blush, changing to nearly white; large clusters, full and double.

Polyantha Roses.

A BED OF POLYANTHA ROSES.

A distinct hardy class, growing 8 to 12 inches high, blooming continually in summer in open ground, or as pot plants in winter; make excellent groups or borders; flowers, produced in clusters from 10 to 50 or more; standing our winter with very little protection. Small plants, 10c. each; $1 per doz.; second size, 15c. to 20c. each; $1.50 and $2 per doz.

CLOTHILDE SOUPERT ROSE.

Clothilde Soupert. The finest and best among this class; large, very double, blooms very freely; for bedding or growing in pots among the best. Color, white, with pink or rose tinted center. See Illustration

Annie Marie de Montravels. Flowers white, in clusters, 1 inch in diameter. 15c.

Mignonette. Borne in clusters of 10 to 20 or more flowers; delicate roses changing to white; free in growth and bloom; hardy out of doors if slightly protected in winter, and fine for house culture.

Perle d'Or. The white and red varieties are exceedingly pretty for house and bedding. This variety is of a saffron yellow, tinged with red; free. 15c.

Glorie des Polyanthas. Delicate rose; blooms in clusters, and flowers freely winter or summer; florets an inch across. Thirty or 40 blooms in a bunch is nothing unusual, and the plant is perfectly hardy in northern states without protection.

Geo. Peruet. Forms a round bush, useful for borders; continually in bloom, the flowers being large for this class; color, bright rose with white shading. As is usual with this class, it bears great clusters of bloom.

Little Pet. The finest of the white Polyanthas; for selling in spring, in pots, it has no equal. Good for bedding.

Yellow Persian.

Deep, bright yellow; blooms in June, and the finest of all hardy yellow roses. The foliage has a scent of the common sweet brier. 50c.

Mdm. Plantier. The finest cemetery rose, being completely covered with several hundred white flowers in June, very double, of medium size and strong grower. 2-year-old plants, 50c; 6 for $2.

MDM. PLANTIER ROSE.

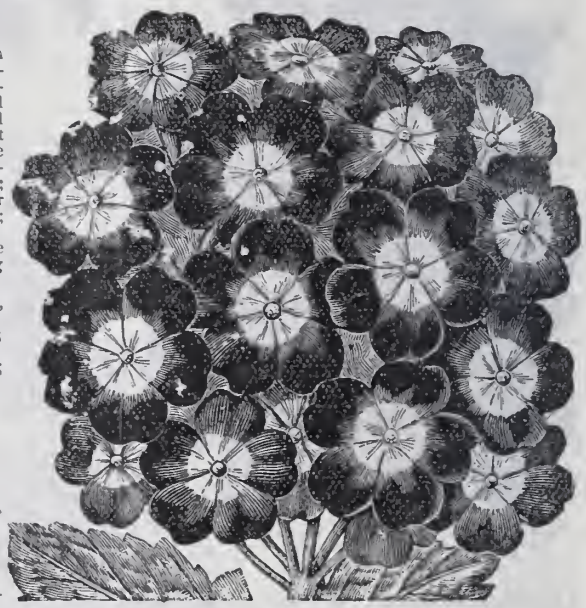
VERBENA.

One of my leading specialties to which I have given constant and careful attention for many years, adding new and improved varieties that I have tested and know to be improved in form, size and color, and believe it to be one of the finest collections now grown. They comprise free growth and bloom, and greatest contrast in color. Purchaser's choice, 7c.; 75c. per doz. Our choice, 6c; 60c. per doz.; 25 for $1; $3 per 100; $13 for 500; $25 per 1000.

The following list contains many of the new mammoth varieties sent out during the past two years.

Arbutus. Very large flower, white, rose margin; new.
Auroras. Scarlet and white striped; new.
Beauty. Clear, deep pink, large flower; best pink bedder.
Belle. White, rose margin.
Bernie. Pink, dark eye.
Brilliant. Scarlet.
Climax. Large scarlet, white eye.
Coral. Fine pink.
Corkhill. Purple, white eye.
Diana. Maroon, white eye.
Dictator. Large, dark purple, white eye.
Don Pedro. Dark purple.
Eclipse. Dark maroon, white eye.
Edith. Salmon pink.
Effective. Large, brilliant dark scarlet, maroon eye; the best and most effective scarlet; very free to bloom.
Flash. Scarlet, white eye; large.
Francis. Light pink, large flower.
Garnet. Deep crimson scarlet.
Gleam. Dazzling scarlet, white eye.
Invincible. Purple, white eye.
King of Scarlet. Clear scarlet, lemon eye.
Lavender Queen. Fine lavender.
Mayflower. White, edged pink.
Mozart. Pink and white striped.
Mrs. Arthur. Dazzling scarlet, larger than Defiance.
Mrs. James. Large, pink, white stripe.
Negro. Velvet black.
Octoroon. Very dark maroon, large flower.
Purple King. Very dark purple.
Snowball. White.
Snow Queen. Large, pure white.
Ultramarine. Lavender.
White Bedder. Pure white, fragrant.
Zebra. Pink and white, very large flower.
Zulu King. Fine dark purple.

In ordering Verbenas, it will be for the interest of the purchaser to leave the varieties to us. Knowing their habits enables us to select the best bedders, and in nine cases out of ten is certain to give better satisfaction. A collection of 35 varieties, all named, $1.40.



LARGE FLOWERING VERBENA.

SALVIA.

Splendens. Fall flowering plant, growing from 3 to 4 feet in height, forming a bush which is covered with spikes of bright scarlet flowers. 10c. to 15c.; $1 and $1.50 per doz.

Patens. Deep blue; the most beautiful shade of all blue flowers. 15c.

VINCA, Periwinkle.

Variegata. Green leaves, edged with white; excellent for baskets, vases, urns, stumps, and rock work. 15c. to 25c.; $1 50 to $2 per doz.

Major. Glossy green leaf. 15c. to 20c.

Elegans. A variegated variety of the same habit as the above. 15c. to 20c.

VIOLETS, Sweet-Scented.

Tbese varieties are for forcing during the winter months, and are extensively grown for cut flowers 15c.; $1 50 per doz ; small size, $1 per doz ; large clumps in autmn, 20c.

Double Blue Neapolitan. Dark blue.

Swanley White. Double white, large flowers

New Double Purple. Said to be more hardy than other varieties. 25c

SEEDLINGS,

READY IN MAY.

Asters. In various colors of pink, white, crimson, blue. 30c. per doz.; $2 per 100.

Phlox Drummondii. Choicest mixed colors. 25c. per doz.; $1 50 per 100.

Zinnias, Balsams, Stocks. 35c. doz.

Nasturtiums, Dwarf. From pots. 5c.; 50c. doz.

Hardy and Ornamental.

In these we have shrubs that when once planted, remain permanent for years, continuing to grow and bloom more profusely each season. They can be planted in groups or single, and some varieties may be trained in any form by pruning. Varieties can be selected to give blooms from early spring to frost. Good culture and pruning in form increases bloom, improves foliage, and every way beautifies them. They are now among the most important and popular flowers, being sold in large quantities. Will thrive in almost any situation or soil with little care. For lawns, parks, cemeteries, are largely used.

Almond White. Commonly known as Flowering Almond; a white variety blooming profusely in May or June; couble flowers in clusters; grows 3 feet high. 50c.

Almond Rose. Similar to the above with rose colored flowers.

Azaleas. (Ghent.) Crimson. pink, yellow, etc., $1 each.

Althæa, or Rose of Sharon. Of easy cultivation, producing in mid-summer a profusion of bell shaped flowers, showy and of various colors. I offer five different kinds, *double white, double rose, single white, single rose and variegated.* 20c. each; strong plants, 40c.

Althæa Variegated Leaved. A distinct variety of regular and compact growth. Half of each leaf is green and half pure white. Large, double pink flowers. 25c.

Burning Bush, or Strawberry Tree. (Euonymus.) An ornamental shrub, whose beauty consists in its brilliant berries, produced in clusters from the branches, until winter, of a rose color. 50c.

Barberry, Purple Leaved. One of the finest on the list. Regular and symmetrical form, dark purple leaves and pretty yellow flowers, make it attractive. 25c.; strong plants; 50c.

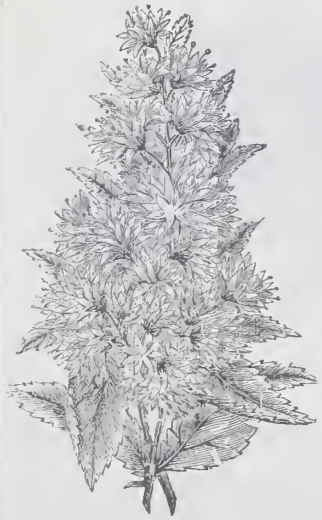
Cydonia Japonica. (The Japan Quince.) Blooms in May, single scarlet flowers. 25c.; strong plants, 50c.

Calycanthus (Florida) Sweet Scented Shrub. Flowers chocolate maroon, deliciously fragrant. Blooms at intervals during the season; old and much esteemed. 25c.; strong plants, 50c.

Forsythia. Height, 2 to 3 feet; bright yellow flowers. Blooms early and profusely. Shows flower in April before leaves appear, as soon as frost leaves the ground. 25c.; strong plants, 40c.

Magnolias. (Hardy varieties.) In this class of plants for lawn decoration, I offer Tripetala (*Umbrella Magnolia*), 4 to 5 feet high, $3 each; 2 ft., 75c.

ALTHÆA DOUBLE WHITE.



DEUTZIA.

Deutzia Gracilis. Height 2 feet; very bushy; used for forcing in winter; flowers pure white; blooms profusely, very hardy; flowers bell-shape, resembling Lily of the Valley. Blooms in open ground from 10th to 25th of May. 20c.; large size, 40c.

Deutzia Crenata. Height 4 feet; flowers double white, tinged with rose; hardy and fine. 20c.; second size, 35c.

Deutzia Fortunii. Height, 2 to 3 feet; one of the profuse flowering; pure white; hardy. 25c.

Hawthorn, White or English. (Crataegus Oxyacantha.) A beautiful hardy shrub, grows 5 to 8 feet high, with small double white flowers, in clusters; blooming abundantly about 3 or 4 weeks in May and early June. 75c.

Hawthorn, Double Rose or English Double Red Flowering. Similar to the white variety, but grows larger, making a better shaped bush, and flowering much more freely. 75c.

CLEMATIS DAVIDIANA.

A new Japanese Clematis; one of the finest of hardy plants, and indispenseible to all collections; a shrubby, upright plant from 2 to 4 feet high with bright foliage; leaves grow in whorls around the stem. The flowers circle and cluster in profusion around each whorl of leaves, making several tiers (four to six) of clusters, extending, one above the other, from near the ground to the top of the foliage. Flowers long, tubular, bell-shaped, deep lavender color, of delicious fragrance. Plants that will bloom freely the first year, 25c.

SNOWBALL.

SNOWBALL, PLICATUM OR JAPAN.

Plicatum or Japan. Difficult to propagate, hence rare. Moderate growth and compact form with rich deep green, plicated foliage. The flower clusters, which are produced all over the bush, are globular in form pure white. Very valuable. 25c.; 2 feet, 50c.

Viburnum Opulus. (Snowball.) Strong growing, with large balls of white flowers, resembling balls of snow. 20c.; strong plants. 40c.

Exochorda Grandiflora. This bears slender clusters of white flowers in profusion. Is hardy and compact growing. Is quite new, comes from North China; a valuable shrub for any collection. 35c.

Clethra Alnifolia. (Sweet Pepper Bush.) A dense-growing shrub, with showy, upright spikes of creamy white, fragrant flowers, continuing in bloom a long time; is later than most shrubs. 25c.

Weigela Floribunda. Flowers dark crimson; white stamens. Will bloom in fall if ends are nipped, after young growth is made in spring. 20c. and 35c.

Weigela Rosea. The old, well known variety; of compact, vigorous growth, has fine foliage, and in June is literally covered with blossoms of clear pink, fading to flesh color. 20c ; strong plants, 40c.

Weigela Variegated Leaved. Deep green leaves, with a broad margin of pure white around each; rose colored flowers, same as above, but of a smaller growth. 25c.; strong plants, 50c.

WEIGELA VARIEGATED LEAVED.

HYDRANGEA PANICULATA GRANDIFLORA.

The most stately and attractive of all hardy flowering shrubs from 3 to 5 feet high, producing flowers in large massive heads, 5 to 9 inches long and nearly as large across. When first opening it is of a beautiful light green, changing to white remaining a long time, changing to pink as the flower matures. It commences to bloom in July or August, continuing till destroyed by frost. By slight pruning in spring it will make a close, compact bush with more flowers than if allowed a natural growth, requiring no protection in winter.

Price, small plants, 15c.; $1 50 per doz. Medium size, 25c.; $2.25 per doz. Large 2 and 3-year-old plants, 50c.; $4.25 per doz.

The following 4 varieties are not hardy but grow in tubs in summer, removed to the cellar in winter and are now largely grown for decorative plants for church and other plant decorations.

Thomas Hogg. Of low bushy growth, producing in summer immense clusters of white flowers, often measuring 10 inches in diameter. It is equally as hardy as the old garden Hydrangea, and will be found a valuable plant for cemetery decoration in summer; requires winter protection in the north. 20c. each; $2 per doz.; large plants, 50c. each; $4 per doz.

Hortensis. Frequently grown in pots or boxes; flowers are borne in large panicles or heads, at first white, sometimes changing to light blue and finally to a pink. 20c each; large size, 35c. and 50c.

Red Branched. This belongs to the Hortensis class but blooms even more freely than Otaksa and with larger trusses of flowers. The name, Red Branched, is given from its foliage stems, which are of a dark reddish color, while the flowering branches are of a dark crimson, shading towards the heads to a transparent red, retaining its clear bright rose color much better than Otaksa or Hortensis. From 4 inch pots, 25c.; from 5 to 8 inch pots, large plants, 50c. to 75c. each.

HYDRANGEA PANICULATA GRANDIFLORA.

Otaksa. A splendid variety; heads of very large flowers, white changing to lavender, or rosy pink, one of the finest of its class. Small plants, 20c. each; strong blooming plants, 35c. to 50c. each; $4 per doz.

Hardy Orange. (Limonia Trifolista.) An ornamental shrub, perfectly hardy. Handsome foliage, and white, fragrant flowers, succeeded by bright orange-red fruit. 25c.

Judas Tree, Japan. (Cercis Japonica.) A dwarf tree from Japan, valuable for the lawn. Flowers appear early in spring, before the glossy, green leaves, literally covering the tree, almost to the ground, with small clusters of bright, rosy purple bloom. The flowers are larger than those of our native species. 1 foot, 25c.; 2 feet, 40c.

Lilac. Purple; immense heads of beautiful flowers; very sweet and much esteemed. 25c. each; strong plants, 40c. each.

Lilac Alba Grandiflora. Large, white trusses of flowers, the best white lilac. 25c. each; strong plants, 50c. each.

Lonicera. (The Upright Honeysuckle.) Are valuable fragrant shrubs, and assume a handsome, compact form, without much pruning; bloom from 15th to 30th of May, and thrive in any soil. Two varieties, white and pink, 20c. each; strong plants, 40c. each.

Mock Orange, or Syringa. A rapid growing shrub, 5 to 7 feet high, with very fragrant white flowers. Blooms in June. 25c. each; strong plants, 50c. each.

Purple Fringe. (Smoke Tree.) Very hardy, feathery blossoms of a purplish hue, having the appearance of smoke. It keeps in bloom from June to August. 25c.; large plants, 50c.

Rhododendrons. Grand, hardy flowering shrubs for lawn decoration. Flowers range through shades of rose, pink, crimson, white, etc., appearing in large "heads," 9 to 12 inches in diameter in June, composed of from 12 to 20 flowers, which are generally spotted and feathered with various colors. Foliage, large, glossy, very ornamental at all times. Price, plants 1 1-2 to 2 feet, $1.50.

NEW HYDRANGEA, RED BRANCHED.

Spirea Prunifolia. Height, 4 feet; flowers perfectly double, in long spikes, sometimes called Bridal Wreath; blooms in May; hardy, 20c. each; strong plants, 40c. each.

Spirea Van Houttei. Upright growing, graceful, slender branches; foliage lobed. Flowers white, in great clusters; cylindrical plumes, nearly 2 feet long. One of the hardiest of shrubs, and by reason of its free blooming habit presents a magnificent appearance when in bloom. 20c. each; large, 35c. each.

The St. Peter's Wort, or Snowberry. Bears branches of conspicuous white berries. 20c. each; strong plants, 40c. each.

White Fringe. A small ornamental tree, bearing pure white flowers resembling fringe. 25c.; strong plants, 50c.

White Persian Lilac. A valuable white, free flowering shrub; graceful and useful. 2 feet, 30c.

Above collection, 28 varieties, hardy shrubs, $6.

A collection of 12 shrubs, my choice, that will bloom in succession from June to October, $2, or 6 for $1; strong plants, $4 per dozen.

Hardy climbing vines are among the desirable ornamental plants, producing beautiful effects, whether climbing over the veranda or clinging fast to house walls. They are used profusely in decorating the finest suburban residences, parks, cemeteries, churches, brick or stone walls, and arches.

Akebia Quinata, Japan Akebia. A twining climber, suitable for trellis or pillar; handsome and distinct; chocolate colored foliage; fragrant flowers.

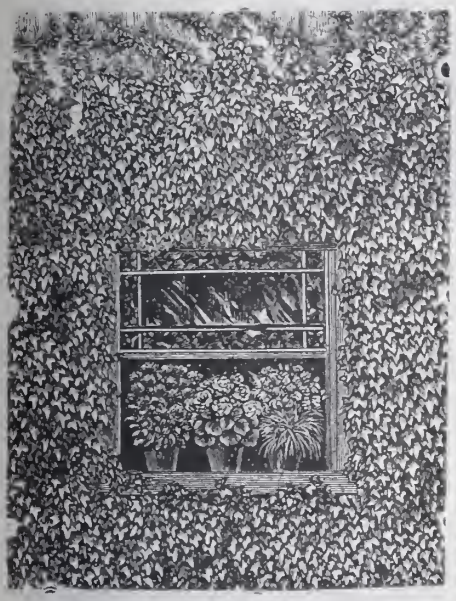
Ampelopsis Royali. Similar to Veitchii, but of a stronger growth. 20c.

Ampelopsis Quinquefolia, American Ivy or Virginia Creeper. A strong, rapid grower, clinging firmly to stone, brick or wooden walls; suitable also for verandas, porches, trunks of trees, etc. Large, dark green foliage, changing in autumn to bright crimson; much esteemed. 20c.; 6 for $1; 12 for $2.

HARDY BULBOUS WISTERIA (APOIS TUBEROSA).

Apois Tuberosa, or Hardy Bulbous Wisteria. Closely resembles the Wisteria Chinensis in vine and foliage, having clusters of reddish flowers

with a strong violet fragrance. Plant the bulbs where they are to remain near trellis, tree or fence, where you may want climbers. They grow to a good height and bloom the first season; are suited to any situation; very hardy and should remain in the ground over winter. Bulbs, 10c.; 3 for 25c.; 6 for 50c.; 12 for $1.



BOSTON IVY, AMPELOPSIS VEITCHII.

Ampelopsis Veitchii. Also known as Japanese or Boston Ivy. The most beautiful climbing vine in the list; smaller and more delicate than the American variety, but very hardy; much used for covering brick buildings, churches, wood or stone walls and trellises; unsurpassed for rock work, baskets and vases; leaves turn brilliant carmine in the fall. In many prominent cities like Boston, on Commonwealth and Columbus avenue, the beautiful vine covers complete fronts for many blocks. Many churches and residences on Fifth avenue, New York, and many small brick and wooden cottages in small and large towns are covered with this vine. It is very hardy and makes a growth of from 15 to 25 feet in 2 to 4 years. Several hundred thousands are sold annually. Small plants, 15c.; $1.50 per doz.; strong plants, 25c.; $2 per doz.; select 3 year plants, 35c. to 50c. (See illustration.)

Adlumia Cirrhosa. (Mountain Fringe.) Delicate foliage; used for covering trees, shrubbery, stumps, trellis and walls. 20c.

Aristolochia, or Pipe Vine. Sometimes called Dutchman's Pipe, from the curious form of its flowers, resembling an old-fashioned pipe; a strong, twining vine with large leaves; suitable for porches. 50c.; small size, 30c.

Bignonia Grandiflora, Scarlet Trumpet Creeper. A hardy, fast grower, suitable for covering walls, buildings, etc. Produces in August large, scarlet, trumpet-shaped flowers in clusters; is hardy, the tops dying off in winter, making new growth from root each year. 25c.

Bitter Sweet. For covering trunks of trees or rocks; has attractive red berries in abundance in autumn. 25c.

Cinnamon Vine, Chinese Yam. This climbs rapidly on a trellis, porch, pillar or arched poles, 12 to 15 feet or more; has bright, glossy, heart-shaped leaves, with peculiar, delicate, white, fragrant flowers. Bulbs, 10c.; $1 per doz.

CLEMATIS.

They are trained on screens, twine, trellis, rockery, stone walls, stumps, making one of the most attractive climbers when in bloom in the whole class; the more planted the more generally they are liked, and become more in demand yearly, producing freely, rich, dark purple, lavender and white flowers of many shades. It likes deep, rich, sandy soil; an eastern exposure is best; partial shade and a liberal supply of water are needed. There are many varieties, but the few following are among the best large flowering; flowers range from 3 to 5 inches across; all hardy, but a covering of straw in the winter is a benefit. They will grow from 5 to 15 feet in one season. The collection of the following five varieties, $2; or 50c. each for less than 5.

Jackmanii. Flowers large, intense violet purple; from 4 to 5 inches in diameter. This has proved itself to be the best of all hardy Clematis, growing from 8 to 15 feet in one season; covered with dark violet blooms from June to September; no collection of climbing vines is complete without Clematis Jackmanii. 50c.; $5 per doz.

Fortunii. Flowers double white, peculiarly formed, large and quite fragrant; blooms from June to July. 50c.

Lanuginosa Candida. Large, white, with delicate rose tint; the finest white. 50c.

The Gem. Flowers large, delicate lavender blue, blooming early; the best of its color; blooms from June to October. 50c.; set of 5 varieties, $2; or $5 per doz.

Louis Van Houtte. Violet purple; free flowering; blooms from June to October. 50c.

Mdm. Van Houtte. Large size; white; blooms from June to October. 50c.

CLEMATIS JACKMANII.

Viticella Kermesina. (New.) This red Clematis is distinct from any other variety. A stronger grower than Jackmanii and very hardy; free flowering, blooming from July until October. Flowers about three inches across; bright claret red, shaded crimson. 75c.

Henryii. Strong grower, hardy; large white flower, free; one of the best. 50c.

The following are small flowering varieties:

Flammula. A slender, branching climber, particularly valuable for trellis, veranda and pillar work. Flowers are pure white, star shaped and very fragrant. 20c.; 6 for $1.

Viticella. Blue bells. A strong, hardy grower; has a profusion of dark blue and purple flowers. Suitable for trellis. 20c.

Virginiana, Virginia Clematis. A hardy, rapid grower, that will cover unsightly objects effectually; mist-like, pure white fragrant flowers; green foliage, with curious ornamental seed vessels. 25c.

Humulus Lulupus. (Hop Vine.) The Hop Vine is a rapid climber, hanging gracefully and beautifully. When grown among trees or on trellis it gives striking effect. 25c.

Lathyrus Latifolius. (Hardy Perennial Pea.) There are two varieties, rose and white; grows 6 to 8 feet high; in rich moist soil will bloom most of the summer if properly trained on a trellis. 25c.

Wisteria Chinese. A hardy, strong growing, twining vine of rapid growth, producing in June large clusters of beautiful, pale blue, fragrant flowers; much used for verandas and balconies, growing from 10 to 20 feet in one season. 25c.

Wisteria Magnifica. Similar to above, but darker blue flowers; profuse bloomer; splendid. The Wisterias are used for verandas, porches, balconies, etc. 25c.

HONEYSUCKLE.

Honeysuckles. Desirable, sweet scented hardy climbers. The foliage is pretty, neat and clean, the flowers almost continuous, and their fragrance delicious. The varieties described below are among the best.

Evergreen Sweet-Scented. A hardy, vigorous grower, blooming nearly all the season; very fragrant; flowers buff, yellow and white; much used for veranda and trellis. 20c.; 6 for $1.

Golden Leaved. Moderate growth, leaves veined and netted with yellow; admirable for trellis work, vases or rock work; attractive and very useful. 25c.

Hillian. Introduced from Japan; evergreen and a constant bloomer; flowers white, changing to yellow; blooms from July to October. 20c.; 6 for $1.

HARDY BULBS, ROOTS, OR PERENNIALS.

HARDY PLANTS have recently become more in demand, and my list now contains nearly all of best, most varieties to bloom from early spring to frost, for those useful and well-known varieties. From it I can select varieties to bloom from early spring to late frost for those unacquainted with their habits. They are easily grown in any good soil, hardy, and protection in winter is unnecessary when once planted, although a protection of leaves or coarse straw manure will be of benefit. They continue to grow and increase from year to year.

Double Morning Glory. A hardy perennial, producing healthy foliage, covered in summer with a profusion of double rose flowers. 20c.

HARDY JAPAN LILIES.

Next to roses the lilies should be given an important place. Several dozen in variety will give bloom from June to October. Planted among hardy shrubs or roses, the effect is pleasing, each stalk bearing from 5 to 20 flowers; to be most effective, should be used freely in beds, groups, borders, or among shrubbery, thick and massive for best results. They can be naturalized by planting in tall grass or beside streams in groups. Varieties by themselves are best. Their ease of culture and hardiness are inducements to give them a trial. Millions are sold for bedding and forcing. They thrive best in a light rich soil, partially in the shade, and remain undisturbed a number of years, frequent removals being injurious. Once planted, they continue to increase in beauty from year to year. Plant from 6 to 10 inches deep, according to the size of the bulb, and give winter protection by covering two inches deep with straw, coarse manure or leaves. They all succeed well grown in pots, Longiflorum, Candidum and Harrisii being much forced in winter; are named in order of value for bedding.

A collection of the following six, viz.: AURATUM, RUBRUM, ALBUM, CANDIDUM, HARRISII, ELEGANS, 90c.

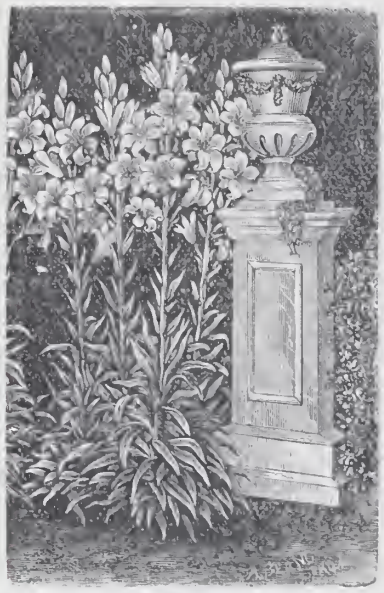
Speciosum. Of this species there are four valuable varieties which are of easy culture and very hardy; excellent for planting in groups.

***Rubrum or Roseum.** Both are the same variety; grows 3½ to 4 feet high, with numerous reflexed flowers, white shaded to rose, with dark crimson spots, and one of the most important bedding varieties. 20c.; $2 per doz.

***Album.** The ordinary white variety; reflexed petals with downy white spots. 30c.; $3 per doz.

Purpuratum. The same in general habit as Precox, with dark rose crimson flowers, and thick waxy petals, crimson spots, and bordered with white. 50c.

***Candidum.** Snow white, fragrant flowers, in clusters; much forced for winter and sometimes called Easter Lily. One of the easiest forced white varieties. The earlier planted after August or September, the better success, as they start early. Can be planted in the spring, but do not always bloom the first year. It blooms in open ground in June, doing better if not disturbed oftener than two or three years. The most valuable white for cut flower work. Price, 10c.; $1 per doz.; $5 per 100.



LILY CANDIDUM.

*__Longiflorum.__ Large, trumpet-shaped flowers, snow white and fragrant, used largely for forcing in winter. The flower has more substance than Harrisii, keeping better when in bloom, with less odor. It blooms in June and July in the open ground, and is one of the most valuable white varieties for all purposes, forcing cut flowers or open ground. Planted in April or May in groups, make beautiful and attractive beds. 15c.; $1.50 per doz.

*__Harrisii, or Bermuda Easter Lily.__ Large, wax-like, trumpet-shaped flowers, with recurved petals. After blooming it will often throw up a second or third stem of flowers, and is sometimes called Perpetual Blooming. It will produce from 5 to 10 flowers or more on a stalk. It is hardy, and can be planted in spring or fall. Price, 15c.; $1.75 per doz.

*__Elegans.__ Known also as __Thunbergianum__ and __Umbellatum.__ Are several varieties of Elegans. Only the best and most distinct are offered. Very hardy, and succeed anywhere; flowers erect and borne in clusters; bloom in June and July. Mixed colors, 12c.; $1.25 per doz.

LILIUM AURATUM.

*__Auratum.__ This has no superior and stands queen among lilies. Its color of white, with yellow band and crimson spots, beautiful markings, size of flower and magnificent appearance justify this. It is quite hardy, but should be planted in well drained soil. Winter protection is a benefit. Likes partial shade among shrubs, and is suited to open exposure. In low places, on heavy soil, bulbs are liable to rot. High ground or well drained soil is preferred. Price 20c; $2 per doz. Selected strong bulbs, 30c.; $3 per doz.

LILIES.

*__Superbum.__ (Turk's Cap Lily.) A native species. When established in good soil will produce upward of 50 beautiful orange tipped, red spotted flowers in a pyramidal cluster; 3 to 5 feet. (July.) 12c; $1.25 per doz.

*__Tenifollum.__ (Siberian Lily.) Produces from 5 to 25 flowers of a brilliant vermilion scarlet; it blooms early in June, and can be easily forced in the house. Plant where well drained, 3 inches deep; will surely rot if in wet soil. 25c.

__Pulchellum.__ Handsome and quite rare; flowers upright, of a vermilion scarlet, having a star-like appearance. 30c.

__Tigrinum.__ (Tiger Lily.) Orange salmon, spotted black. 10c.

*__Tigrinum, Flora Pleno.__ (Double Tiger Lily.) Same as the preceding except in the form of its flowers, which are double. 15c.

__Excelsium.__ It grows from 5 to 6 feet high, producing 8 to 12 drooping lilies of delicate buff; fragrant, and a great favorite. 50c.

__Krameri.__ The flowers are of a rich blush to rose, very fragrant; of high merit on account of its color. Nothing compared to it. 50c.

☞ I have marked with * the varieties most hardy and easily cultivated in the common way of hardy garden lilies, and will send the 10 varieties by mail for $1.45, or by express for $1.30.

__Astilbe Japonica, (Spirea.)__ The Astilbe, or Spirea, is a dwarf, handy plant, with delicate, feathery tresses of very small flowers that are exceedingly beautiful for all kinds of ornamental work; excellent to force for winter flowers. White. 25c.; $2.50 per doz.

ACHILLEA ALBA.

__Achillea Alba, Large Flowering.__ A popular hardy plant of compact habit. Its blooming qualities are remarkable, flowering in profusion the first summer; the second season it will bloom much more, thousands of flowers at a time being counted on a single plant. It is entirely hardy and will last for years. It is a valuable snow white flower for cemetery planting, and will grow in any situation or soil; for planting amongst shrubbery and in out-of-the-way places where other flowers will not grow. It is also fine for pots or boxes. Strong plants, 15c.; 4 for 50c.; 12 for $1.25.

__Achillea Surrulata Pearle.__ An improvement on the common variety, larger, whiter flowers, blooming more freely. 20c.

__Anemone Japonica.__ They commence to open their rich colored single blooms in August, and continue to increase in beauty until cut by frost, thriving best in a light, rich, moist soil, and should not be transplanted more than is necessary when they become too thick.

__Alba.__ Pure white, yellow center and dark eye. 20c.

__Rosea.__ Dark rose, shaded pink, yellow center and dark eye. 20c.

__Daisy Snowflake.__ The finest of all double white daisies, almost a perpetual bloomer; large flowers on long stems, very double. 15c.

BELLIS (DOUBLE DAISY), SNOWFLAKE.

__Bellis, Double Daisy.__ These grow 2 or 3 inches high, and bloom profusely in May or June; very double; ¾ to 1 inch in diameter.

__Double White and Double Rose.__ 15c.; $1.50 per doz.

CAMPANULA.

__Campanula Persicifolia Alba.__ One of the best of the Campanulas. Flowers pure white, bell shape, drooping; in long, close spikes, 2 feet high; exceedingly free flowering, fine for cut flowers; blooms from June to October. 15c.; $1.50 per doz.

__Dielytra Eximia.__ (Plumy Bleeding Heart.) Similar in growth, but with flowers a deeper shade than D. Spectabilis and borne in plumes; it remains in bloom a long time, frequently during the whole season. 25c.

__Day Lily.__ Variegated leaved, green and white, showy and attractive; habit same as the following variety. 25c.

Day Lily. The Funkia called the Day Lily is much used for groups on the lawn; a neat, attractive autumn flower; plant has light green, broad foliage, prettily veined; flowers, pure white, trumpet shaped, in clusters. 25c.; $2.50 per doz.

Dianthus Pink, Fimberata Alba. These are known as June, Moss or Clove-scented Hardy Pinks. Flowers are white, double, fringed; blooms in June profusely, very sweet clove fragrance. Small plants, 10c ; $1 per doz.; large clumps, 1 year old, 20c.; $2 per doz.

Dianthus Fimberata Rosea. Similar to above except color, which is of a rosy pink. Small plants, 10c.; $1 per doz; large clumps, 20c.; $2 per doz.

Annie Bowlan. Pink, dark center; a hardy variety of florist pink of Dianthus family.

Dianthus Barbatus, Sweet William. Grow 15 inches high, fragrant; in many colors. 15c.

GYPSOPHILA ACUTIFOLIA.

Gypsophila Acutifolia. Known also as Mist Plant or Infant's Breath. Grows 15 to 18 inches high, spreading habit, fine cut foliage; producing innumerable small white flowers so thick as to almost represent mist; adds a light, delicate appearance when arranged in cut flowers. 20c.

Eulalia Gracillima. Hardy, ornamental grass of more compact habit than Japonica; narrow, green and white striped leaf; graceful habit. 25c.

Eulalia Japonica and Zebrenia. An attractive ornamental grass, growing 5 to 6 feet or more; striped and spotted leaves. 25c.

Feverfew, Little Gem. Blooms all summer, quantities of double white flowers; three-fourths inches across; are continually in bloom. 15c.

DWARF DOUBLE HELIANTHUS.

Helianthus, Dwarf Double. A valuable addition to our hardy plants It grows 3 to 4 feet high, giving an abundance of double yellow flowers about 3 to 4 inches in diameter, which last a long time, and are much in demand where known. It does not seed, but is increased by division of roots in the spring; living in open ground all winter for years, coming up every spring. It is really new, rare and beautiful. Arranged in groups in the garden or lawn, or for cut flowers in autumn, it is highly prized. 20c.; $1.75 per doz

Hyacinthus Candicans. A summer-flowering Hyacinth, growing 4 to 5 feet in height, gracefully surmounted with from 20 to 30 white bell-shaped flowers Bulbs can remain in the ground or be taken up and stored same as gladiolus. It is of very easy culture. A bed of 12 to 25 or more bulbs in a group 8 to 10 inches apart give a grand effect in summer, blooming in July and August. When planted with dwarf blooming Cannas or in the center of a bed of scarlet gladiolus, it is very effective. Bulbs may be planted spring or fall; very hardy. 10c. $1 per doz.

Hibiscus. Flowers freely from July to September, are 6 to 8 inches in diameter, colors from pure white to deep rose; plants grow 5 to 8 feet high and form dense bushes, which are in season a complete mass of bloom. 15c.

Hemerocallis Fulva. (Lemon Lily.) Excellent for planting among shrubbery, grows two feet high with long narrow leaves, throwing flower stems above foliage a foot or more, with clusters of 4 to 6 bright yellow flowers in May or June, three inches across; resembling a white lily in shape, with agreeable fragrance, being in bloom here about Decoration day and the only hardy lily in bloom at that season; is often very useful in cut flower work. 15c. each; $1.50 per dozen.

Hemerocallis Duinortieri. (Orange Lily.) A new dwarf variety, grows compact, producing freely orange colored lily-like blooms the first season; an established plant 2 or 3 years old will give quantities of blooms. 20c.

LILY OF THE VALLEY.

A plant extensively grown for forcing in winter and early spring, the fragrance of the pure white flower spikes being much prized in the construction of the most valuable bouquets and baskets. It is entirely hardy, preferring a slightly shaded position. Price, large clumps, 25c. $2 per dozen. Small pips, 25c. per doz.; $1.50 per 100.

IRIS.

IRIS KAEMPFERI.

They are becoming very popular among the hardy bulbs. In England, Germany, France and Japan, they are largely cultivated, and now, with the increasing demand in America, they are likely to be extensively planted. For grouping and massing in the flower garden, their attractive, orchid like flowers are very beautiful. Among the most attractive are the Kaempferi class, which are new from Japan, and receiving yearly many new, rare, and beautiful additions which are fascinating, with peculiar flowers and fragrance, being very hardy, and increasing in beauty from year to year. Divide clumps as they increase in size.

Kaempferi. It is difficult to do justice to this flower in describing. It produces a great variety of colors with a profusion of enormous sized flowers, often 10 inches in diameter, blooming in July or August, varying in shades of carmine, white, maroon, blue, yellow, violet, veined and mottled. Very hardy; desirable for summer bouquets or vases. Will thrive in any soil, but will grow best in strong, rich, moist land, near streams or ponds. 15c.; $1.50 per dozen. Large roots, 25c.; $2 per doz., for mixed varieties.

6 named single varieties, 30c.; $3 per dozen.

6 named double varieties, 30c.; $3 per dozen.

GERMAN IRIS.

These hardy, herbaceous plants bloom here in May with large, ornamental flowers of rich, blended colors, exquisitely striped with dark violet, purple, or bronzed lines, upon lighter ground. They thrive best in low situations, and can be planted in marshy places or low growing sedges on the margins of fish ponds. 15c.

Bariensis. White, bordered with lilac.

Florentine. White, penciled blue.

Hericartiana. Pale blue.

Honorabilis. Orange, lower petals brown.

Juliette. White, violet edge, shaded blue.

Virgile. Bronzy red, lower petals lilac.

Virginal. White, petals veined with purple.

White Queen. Pure White.

SIBERIAN IRIS.

A distinct species forming dense tufts with numerous stems and abundance of flowers of various shades; quite hardy and free growing; valuable for cutting.

From double and single named varieties, price, 15c.; $1.50 per dozen.

MYOSOTIS, Forget-Me-not.

When in bloom is about nine inches high; it is covered with rich blue flowers, each flower having a white spot in the center. 10c. and 15c.

PÆONY.

Pæonies. Are perfectly hardy and succeed in any ground unless water lies on the surface or near the roots in winter. Can be planted in autumn or spring. Planted in the garden or grouped on the lawn in a bed with a variety of colors are very attractive. Lilies, Gladiolus, Phlox, Sweet William, Tritoma, may be planted in the same bed to make a succession of bloom when the Pæony flowers are past.

Pink, Salmon, Magenta. 25c.

White, Dark Red. 30c.

Pæonia Tree. This grows 2 to 3 feet high and does not die down in the autumn. $1.

Pansies. In endless variety and of choicest strains. 50c. to 60c. per dozen; $2.50 to $3 per 100.

PHLOX, HARDY PERENNIAL.

New varieties have recently been introduced, giving a new interest in this attractive autumn flower. Many new shades, larger flowers, among which will be found the following list. 15c.; $1.50 per doz.

Alburtus. Crimson magenta.

Rio des Rois. Deep rose, crimson center.

Snowbank. Pure white; fine for cemetery.

Bijou. Dwarf, pure white.

Coccinea. Deep crimson scarlet.

Diplomate. Light rose, dark eye, large flower.

Edith. White, carmine eye.

Mazoni. White suffused crimson.

Jean de Arc. White, large flower; 1 foot high.

PHLOX, CROSS OF HONOR.

Cross of Honor. Striped rose and white.

Le Soleil. China rose; center rose, surrounded by circle of pale rose; large flower, fine.

Liberte. Orange salmon, carmine eye; large truss and flower.

Mdm. La Douette. White, late bloomer.

La Gracieuse. White, pink eye.

Queen. Pure white.

YUCCA.

Yucca Filamentosa. Is very hardy, and will endure any of our northern winters. It sends up a strong flower stem in the middle of the summer, bearing a large stalk of yellowish white flowers. Strong 1 year old roots, 30c.; strong 2 year old roots, 10c.

VIOLETS, Purple, Maria Louise. Double, very fragrant, blooms late in the fall and again in early spring; largely grown for cut flowers in winter. 10c. $1 per doz.

VIOLET, Swanley White. Of same habit as above; white flowers. 10c.; $1 per doz.

CRINUM KIRKII.

This produces flowers of great beauty. Often two flower stalks of dark purplish color are sent up at the same time, bearing a large umbel composed of a dozen or more *enormous lily-like flowers* of beauty and fragrance. The petals are broad and pure white, with a deep reddish purple stripe through the center. It invariably wins general admiration. *Extra large bulbs*, $1 25; small bulbs, 75c.

WATER LILIES.

White Giant Water Lily Nymphœa Odorata Gigantea. A recently discovered gigantic form of the white water lily, leaves growing 2 feet and flowers 8 inches across on strong stems, enduring the same treatment as the ordinary variety; perfectly hardy. I offer this at a price anyone can afford to stock wild ponds and streams. 25c.; $2 per doz. Add postage, 25c. per doz., if by mail.

Nymphœa Odorata. This is perhaps the best of our native Water Lilies. It is usually pure white, yellow center; very agreeable fragrance; good roots. 20c.; $2 per doz. Prepaid by mail, add 25c. per doz.

Platycodon Grandiflora. From Japan. Perfectly hardy, increasing in size and beauty of flowers year to year. The plants grow 2 or 3 feet high, and are covered all summer with star-shaped flowers, shading from deep blue to white. Will attract attention, and should be in every collection. Strong plants, 25c.

Two varieties, Blue and White. 25c.

GROUP OF TIGRIDIAS.

Tigridias. These are not hardy, but one of the easiest bulbs to cultivate, sure to bloom in any situation. Planted in the open ground in May, 2 inches deep, they bloom from July till October. Lift the bulbs in a week or two when destroyed by frost, and store in any dry place the same as gladiolus. Their gorgeous flowers are beautiful and useful for cut flowers. Improvements in this flower have for the past few years been much advanced, particularly in size and color of flower. Grown in any soil, but prefer moist land near streams.

Tigridia Conchiflora Grandiflora. Large flowing; orange, shaded with dark crimson spots; beautiful and attractive flower. 4c.; 30c. per dozen.

Tigridia Pavonia. Red with crimson spots. 4c.; 35c. per dozen.

Tigridia Grandiflora Alba. Admired among flower growers; are large pearly white; marked at the base with crimson spots shaded to yellow; showy and useful in cut flower work; somewhat resembling orchids. 5c.; 50c. per dozen.

Tritoma Uvaria Grandiflora. (Flame Flower.) Splendid in summer and autumn, stately flower scapes, magnificent, dense spikes; orange red tubular flowers; familiarly know from its glowing colors as the "Red-hot poker." Effective among shrubbery. 25c.

Ribbon Grass. 1 foot high, striped white and green. 10c.; 75c. per doz.

Milla Biflora. This flowers all summer; white star-shaped flowers 1 inch across; not hardy. Bulbs. 10c.; 75c. per doz.

CHRYSANTHEMUM STORM PETREL.

New Perpetual Blooming Double White. Flowers borne in profusion at all times of the year; for pot culture or bedding out. 30c.

Chacnostoma Hispidum.

Valuable for filling vases or hanging baskets on account of its easy culture, free growth and flowering. It commences to bloom in February and is a continual mass of small, white star-shaped flowers from March to December. It grows 4 to 6 inches high, of spreading habit, and will stand drought or excessive rains with little if any injury; in cut flower work it can also be made very useful. 10c.; $1 per dozen.

Chacnostoma Hispidum Variegatum. A new variety of the above, originating with me last season; now first offered. Much better for basket work on account of its well-marked variegated foliage, green and white. 15c.

ZEPHYRANTHES.

Among our most beautiful dwarf bulbous plants, effective for planting in masses in May, flowering with profusion during summer. Are suitable for pot culture; 6 to 12 bulbs clustered in a 6-inch pot in the autumn will give a fine display of bloom during the winter in the window garden or conservatory. 1 foot high.

Atamasco. White, suffused with flesh color; hardy. We know of borders of it as far north as Connecticut, which have stood the colds of several winters. 5c.; 50c. per dozen.

Rosea. 5c.; 50c. per dozen.

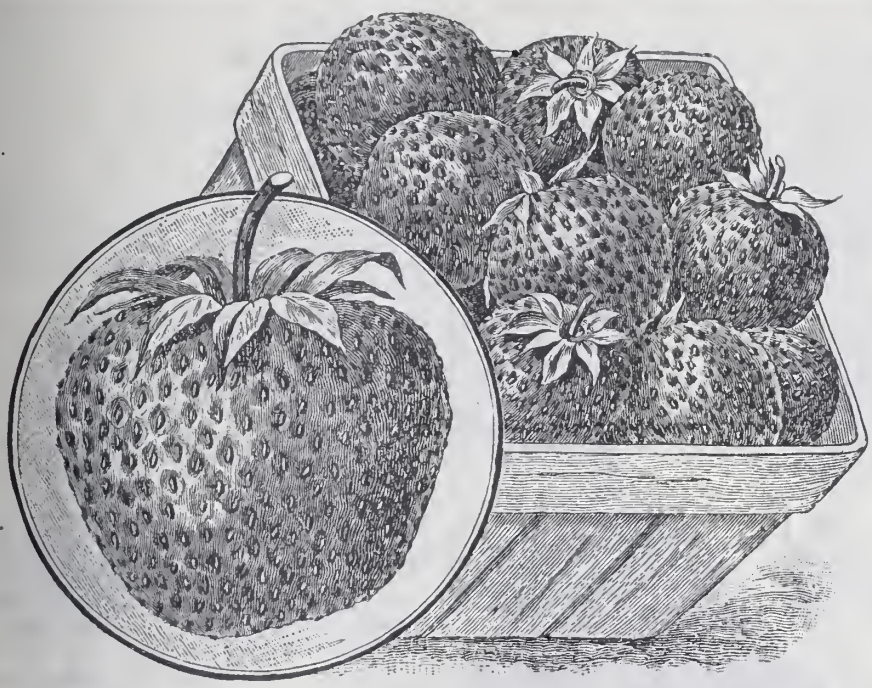
Texanus. Bright yellow. 20c.; $2 per dozen.

New Zanzibar Water Lilies.

These magnificient Water Lilies are the freest blooming of all, and of the easiest culture, the seed germinating freely if sown in a pot of soil and submerged in water and put in a warm place. If sown early they will flower the first season. The plants are small, compact growers, and will do well if grown in large pots submerged in tubs, fountain basins or small ponds. In the autumn they can be removed to the cellar or under the greenhouse bench and kept until spring by watering them occasionly.

N. Zanzibariensis Azurea. Double, light blue. Pkt., 25c.

N. Zanzibariensis Rosea. Double, soft rose color. Pkt., 25c.



Culture of the Strawberry.

Soil. They are successfully cultivated upon a great variety of soils, one kind not being adapted to all varieties, although some kinds succeed well in almost any land; however, should never be planted in a very dry or very wet land. A good sandy loam with a clay subsoil seems the best suited to most varieties. Many of the latest and best flavored sorts thrive best on heavy clay soil, while those grown upon sandy soil ripen their fruit earlier, extending the fruiting season from one to two weeks, by planting both early and late varieties upon early and late soil. Soil, locality and climate make more difference with the strawberry than most other kinds of small fruits. The only certain method of success is for each one to try several varieties of early, medium and late sorts, and cultivate those that give best results.

Manure. Well rotted stable manure applied broadcast, two or three inches thick on the surface, thoroughly mixing the soil with a harrow, rake or digging fork, is the most beneficial. When this cannot be had, guano, bone, superphosphate and ashes can be used with best results, applying broadcast, mixing well with the soil with rake or harrow.

Cultivation. Spring and fall are the times for planting. For field culture, land that has been cultivated one year with corn is the best. Sod ground freshly turned is not so good, but if turned early in the fall and well manured, will answer for spring planting. As soon as the plants are received, unpack and plant out at once. If the ground is not ready, loosen the bundles and heel in, in some shaded place. For garden culture make the rows 18 inches apart, and set the plants 12 inches apart in the rows, leaving 2 feet every fourth row. For field culture, make the rows three feet apart, and set the plants 12 inches apart in rows, so they can be cultivated with a horse. In planting, mark out into rows, get a small hoy to drop the plants, then, with your trowel in your right hand, make a hole large enough to admit all the roots of the plant without crowding or bending them, covering the roots carefully and pressing the earth *very firmly* around them.

Roots, which if set in dry weather, is most the important part in planting, being careful not to plant them so deeply as to cover the crown. To secure a good yield, and have large, healthy plants the year after planting, they should not be allowed to bear the first season, cutting off all runners before the tips take root, and keeping the ground loose and free from weeds. As soon as the ground commences to freeze in the fall, they should be covered with straw or coarse litter. Only a very light covering is necessary to shade the plants from the sun, as continual thawing and freezing is very injurious to the fruit bud. In the spring remove the straw from the vines into the rows, leaving it for mulch, and it is also very beneficial in keeping down the weeds. After the last picking, remove the straw altogether and fork or cultivate the beds. Strawberries managed in the above manner will last from three to four years. In order to secure a full crop every year a new bed should be set out every second year.

The Hill and Matted Row System. If you wish to grow the finest and largest fruit, keep all the runners cut off and let them form large stools. If choice fruit is no object, the runners may be allowed to grow at will. The hill system is considered best by nearly all growers, as they can be easily cultivated and kept in bearing a year longer. It is best to renew beds every two or three years.

Pure Varieties. I exercise special care in keeping my stock pure, renewing each year all the beds which I send my stock from, keeping each variety by itself, so there is no possible way for them to become mixed. I send out nothing but strong, stocky plants, well rooted, and are sure to live when planted under favorable circumstances. They are tied in bundles and packed specially to endure long transportation. The plants are one year old, pure and true to name.

Potted Plants. July, August and September are the months for planting potted plants, being the safest method in dry, hot weather, while the purchaser is sure to realize nearly a full crop within ten months from time of planting. Those who are obliged to delay spring planting, remember and send for strawberry circular of potted plants in July. All who purchase goods of any kind this spring will receive it as soon as ready for mailing, and need not write for it.

For three good Strawberries try **Michael's Early, Parker Earl and Haverland.**

GENERAL COLLECTION.

Boynton. Equal in every respect to the Crescent, which it much resembles. 20c. per doz.; 75c. per 100; $5 per 1000.

Chas. Downing. Size, flavor and productiveness are among the best, succeeds well on all soils and ripens medium to very late; valuable for home use. 25c. per doz.; $1 per 100; $5 per 1000.

Windsor Chief. (P.) Vigorous, fruit above medium in size, perfect in form, bright, deep crimson; nearly as productive as the Crescent, ripens above medium, holding out very late; is a little tart, but when fully ripe has a sweet and rich flavor. Among our medium and late varieties it will be found a profitable one. 25c. per doz.; $1 per 100.

Warfield. (P). This is very productive, a firm shipper; plant vigorous; ripens with Crescent. 25c. per doz.; $1 per 100.

MICHAEL'S EARLY.

MICHAEL'S EARLY. Earlier than the Crescent, abundant yielder; strong, healthy foliage, good quality and firm, perfect flowering; doing exceedingly well in this section. 25c. per doz.; $1 per 100; $5 per 1000.

Lovett's Early. A rapid grower, strong, healthy foliage, matures very early; large, firm, good flavor; flowers perfect and good bearer. 25c. per doz.; $1.25 per 100.

Cloud. A rapid grower, planted by southern growers; berries good size, firm, good for light soil; ripens early to medium; pistillate. 25c. per doz.; $1 per 100; $5 per 1000.

Bubach. (P.) Medium large and uniform size, fine color and form, good quality, productive and hardy; leaves large and dark green; carry every blossom to a perfect berry. 25c. per doz.; $1 per 100.

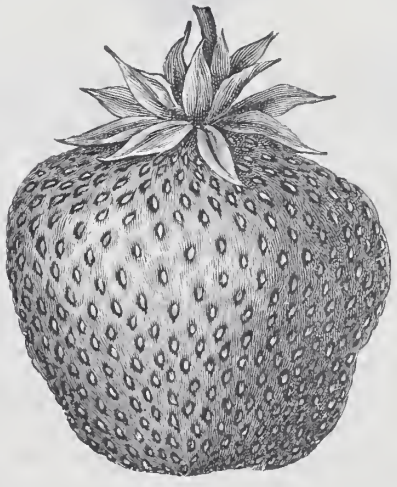
Edger Queen. It yields large berries of good quality, not so firm as some; deserves attention. 30c. per doz.; $1 per 100.

Farnsworth. Of first quality, productive, large, early, medium strong in growth; one of the best new varieties. 25c. per doz.; $1 per 100.

Van Deman. Extra early, vigorous, stocky; dark foliage; firm and tart; recommended by 25 experiment stations. $1 per doz.; $4 per 100.

Wilson's Albany. A good shipper; with high culture yields good crops; matures a few days later than the Crescent; not so productive as many other varieties. 25c. per doz.; 75c. per 100; $5 per 1000

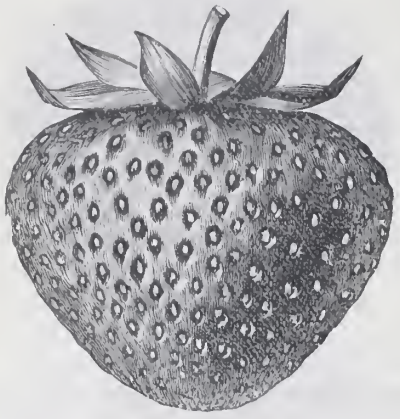
†**Sharpless.** Requires good culture, ripens medium; late spring frosts injure the blooms for fruiting more than most other varieties; yielding favorable in a good season. 25c. per doz.; 75c. per 100.



PARKER EARL.

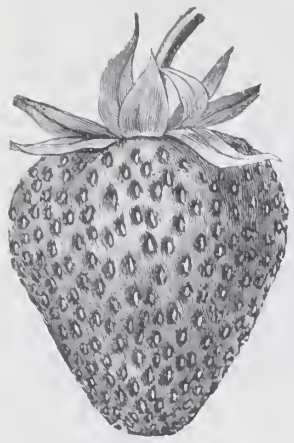
PARKER EARL. Grows strong, clean foliage, succeeds on all soils; berries large, firm, bright crimson; ripens late, yields large crops, good flavor. 35c. per doz.; $1.50 per 100; $10 per 1000.

Haverland. A vigorous grower, yielding large crops; berries large, long, light red, quality medium; valuable for home use or near market; medium early, pistillate. 20c. per doz.; $1 per 100; $5 per 1000.



HAVERLAND.

Crescent. One of the best for all soils, strong grower, very productive, early; medium size, good for home market; flavor medium; will stand more poor care than most sorts and yet yield good crops; pistillate. 20c. per doz.; 75c. per 100; $4 per 1000.



CRESCENT.

Gandy. A large late variety, a standard in many sections. 25c. per doz.; $1 per 100.

Shuster's Gem. The size and vigor of the Sharpless, and productiveness of the Crescent; healthy, ripens quite early and continues late; adapted to almost any soil and treatment. 25c. per doz.; $1.50 per 100.

Eureka. Plant a strong grower, berries large, good quality, firm. 25c. per doz.; $1 per 100.

NEW STRAWBERRIES OF 1892.

Southard. The introducer states that it ripens early and matures nearly its whole crop in about 10 days; 4 to 5 fruit stalks to a plant, with 15 to 25 berries on each stem, making it as productive as the Crescent; perfect flowering. 50c.

W. Smalley. (Swindle.) Thirty to 50 berries in a single cluster; pistillate variety; fruit ripens late, large glossy scarlet; some acid but of fine quality, firm and solid; per dozen. 50c.

When ordered by mail add 15 cents per 100 for layers to pay postage.

NEW STRAWBERRIES FOR 1893.

Princess. Vigorous, healthy; medium size; round, firm, sweet and good quality. 18 said to fill a quart measure. Has been awarded first class prizes among 15 competing varieties. Price, 50c. for 12; $2.50 per 100.

J. Gould. Earlier than Crescent, larger and better quality; berries large and remain on vine longer than other varieties after ripe, and still fine when first colored; strong grower; productive. 75c. per dozen; $4 per 100.

Timbrell. New, large, late, productive; good quality. $2 per doz.

GOOSEBERRIES.

Downing. Larger fruit than Houghton's. $1.25 per doz.

Houghton's Seedling. Very prolific; free from mildew. 15c. each; $1 per doz.

CURRANTS.

Culture. The same as Raspberries, do best in a cool situation. Plant in rows, in open ground, 4 feet by 3; give good culture and rich soil if you wish good crops, keeping clear from grass and weeds, mulching during June and July will be beneficial; as soon as the fruit is gathered cut out the old dry wood. If currant worms attack them, sprinkle with white hellebore (obtained at druggists') in the morning, or dissolve half an ounce in one gallon of water and apply with a syringe.

FAY'S PROLIFIC CURRANT.

Fay's Prolific. This combines the size of the Cherry and the prolific bearing of the Red Dutch; less tart than any red variety, requiring but little sugar. The best of all red currants for table use or market. 1 year plants, 12c.; $1.25 per doz.; $8 per 100. 2 year, 18c. each; $1 75 per doz ; $13 per 100.

Black Naples. Valuable for jams and jellies. 10c.; $1 per doz Strong 2 year plants.

Cherry. Large, best for market. 10c.; $1 per doz.; $5 per 100.

Red Dutch. Strong grower and abundant bearer; fruit of medium size, yielding more than the large varieties. $1 per doz.; $5 per 100.

Versailles. Very large; best for table. 10c.; $1 per doz.; $5 per 100.

White Grape. Very large; the best white. 10c.; $1 per doz.

Victoria. One of the best red varieties. 10c.; $1 per doz.

All currants are strong 2 year plants.

HARDY GRAPES.

Culture. Plant 6 feet apart, and the vines 8 feet apart in the rows. Dig holes 15 inches deep, and large enough to accommodate the roots. They should then be filled within 6 or or 8 inches of the top with fine, rich soil, throwing in a few bones or wood ashes. Cut back 1 year vines to two or three eyes, planting one or two eyes below the surface. Spread out the roots, place the stock of the vine at one side of the hole and fill with fine soil, pressing it firmly. Set a stake at the stock, to which the vine should be kept tied, which will support for two years. Keep old wood trimmed off, growing fruit on new canes. Any manner of pruning that will admit the sun to the fruit will insure a good crop.

Grapes Recently Introduced.

Green Mountain. Extra early; delicious flavor, vigorous, originating in this state; bears young and profuse; very hardy; color, greenish white; bunches good size and well formed, resembling the hot-house grape; ripens three weeks earlier than Concord, and is considered one of the best new grapes of recent introduction. Price, 2 year vines, 75c.; $7.50 per doz.; 1 year vines, 50c.; $5 per doz.

Moyer. Originated in Canada, a cross between the Delaware and some pure native. Habit, hardiness, quality, and size of cluster resembles the Delaware; ripens with the very earliest, has larger berries. It has stood, unprotected, 35 degrees below zero without injury. Very sweet as soon as colored, skin tough, but thin; pulp tender, juicy, of delicious flavor, and entirely free from foxiness. Imagine a Delaware free from rot and mildew, and early as Champion, and you will have a fair idea of this most valuable new variety. Price, 2 year vine, 30c.; 1 year vine, 25c.; $2.50 per doz.

Eaton Grape. Healthy, vigorous, equally as productive and hardy, ripening a few days earlier than Concord; larger bunches and berries; dark purple, double shouldered compact berries often 1 inch in diameter. Price, 1 year vine, 25c.; 2 year vine, 30c.

For 80c. I will send 1 of each, EATON, GREEN MOUNTAIN and MOYER, 1 year old vines.

For $1.10 I will send 1 of each, 2 year old vines.

Moore's Diamond. This combines the desirable good qualities of earliness, hardiness and healthy growth. A native cross between the Concord and Iona. Prolific large, handsome, compact, bunch-shouldered; the size of Concord; color, greenish white, tinged yellow; when fully ripe almost transparent; sweet, very juicy, few seeds. Price, 1 year vines, 25c.; 2 year vines, 30c.

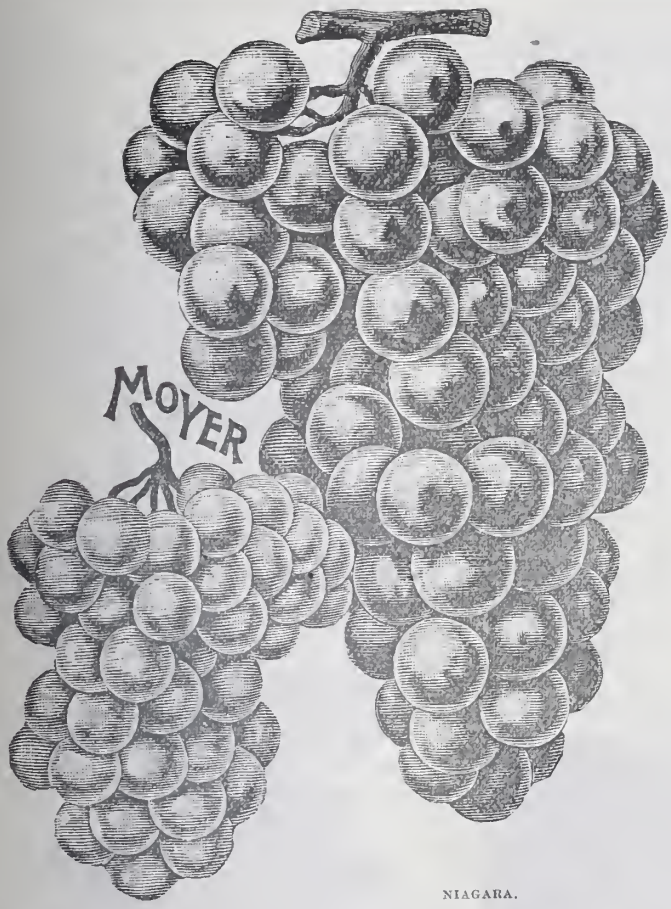
NIAGARA. A cross between Concord and Cassedaya. Vine entirely hardy and strong grower, bunches large and compact, often weighing 12 to 15 ounces each; berries large, of greenish white; skin thin and tough; keeps well; ripens with Concord; enormously productive; one of the best, sweetest, and finest flavored on the list. Price, 2 year vines, 25c.; $2 per doz.

Empire State. Ripens with the earliest, good keeper, quality excellent; heavy bearer, and growth rapid. Widely tested, and proved hardy and free from disease. 2 year vines, 25c.; $2 50 per doz.

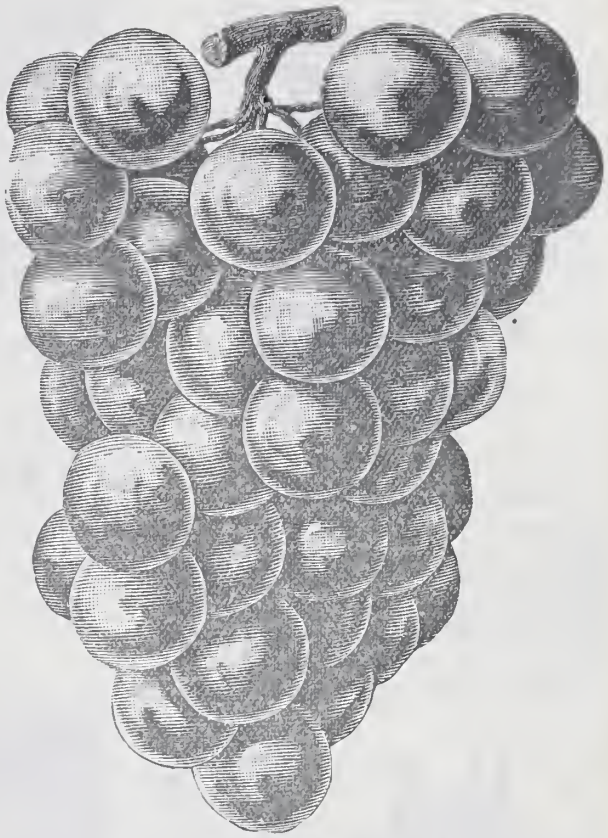
Worden. No well tested variety on the list gives more general satisfaction. It produces a large, handsome bunch and berry of the finest flavor, ripening ten days before the Concord, and never fails to ripen a crop every year in this section by the last of August or early September. Color, blue black. In size, flavor, color, cluster, large berry early ripening, is everything desirable for an early grape. Price, 2 year vines, 25c.; $2 per doz ; $10 per 100.

BRIGHTON. Clusters long and well shouldered; amber colored; ripens earlier than the Concord; as for quality there are none better; requires a little more protection than some other varieties. Otherwise one of the best early grapes on the list. Price, 2 year vines, 20c. each; $2 per doz.; 1 year vines, 15c.; $1.50 per doz.

Moore's Early. One of the best early black grapes; now much planted in place of Concord; quality better than the Concord, of which it is a seedling; proved



NIAGARA.



WORDEN.

entirely hardy in all sections when fully exposed to ten degrees below zero, and entirely free from any disease; bunch and berry very large; color, black, with a heavy bloom; ripening from ten to twelve days earlier. 1 year vines, 20c.; 2 year vines, 25c.; $2 per doz.

☞ **For 80c. I will send by mail 1 Worden, 1 Niagara, 1 Agawam, 1 Brighton, black, white and red varities, 2 year vines.**

For $1 I will send one each, 2 years, Empire State, Moore's Early, Salem, Wilder, Delaware.

Standard Varieties.

Agawam. (Rogers No. 15.) Large red; clusters, good size; excellent quality: a strong grower; productive and good foliage; ripens early. 2 years, 25c each.

Wilder. (Rogers No. 4.) One of the finest in quality of all the hardy black grapes. Vine a good grower; productive; bunch and berries large: pulp soft and tender; rich and superior quality; ripens early. 2 years, 25c. each.

Concord. The old standard BLACK grape for general cultivation. 15c. each: $1.50 per doz.; $8 per 100.

Hartford Prolific. BLACK. Very early and sweet. 15c. each; $1.50 per doz.

Delaware. RED. Sweet and delicious. 25c. each; $2 per doz.

Catawba. A standard grape, medium late. 20c.

Isabella. BLACK. Well known variety. 25c.

Salem. (Rogers No. 53) LARGE RED. 25c.

Lady. An excellent white grape. 2 years. 25c.

Rogers. Nos. 1, 2, 3, 10. 2 years, 25c.; $2 per doz.

GREGG.

RASPBERRIES.

Cultivation. Soil that will grow Strawberries will grow Raspberries, but are more benefited by shade than the former if not too dense. For garden culture, plant the red varieties 4 feet by 3; for field culture, to admit the cultivator, set in rows 5 to 6 feet apart and 3 feet in the row. Set plants about 3 inches deep; avoid a dry, windy day if possible, setting when the soil is moist, and press firmly about the roots. Hoe often, keeping the ground free from weeds, hoeing off all suckers, except 4 to 6 in a hill. The black varieties when 3 to 4 feet high, nip the ends, which will cause them to form rows similar to a hedge, and produce more fruit.

Black Varieties.

Souhegan. Extra early; hardy and productive; 10 days earlier than any other black variety; a strong and vigorous grower. 40c. per doz; $1.75 per 100.

Ohio. Second early; very productive and hardy; much prized for drying. 40c per doz; $2 per 100.

Gregg. Is larger than the Mammoth. Clusters of excellent quality; a good Black Cap Raspberry on account of its shipping qualities; the latest of varieties. 40c. per doz; $1.75 per 100.

Palmer. Ripening with Souhegan, larger and productive; hardy, and berries of good quality. 50c. per doz.; $2.50 per 100.

Red Varieties.

Turner. The best EARLY Red Raspberry. It is of strong vigorous growth hardy and prolific; sweet and very rich. 40c per doz.; $1.50 per 100.

Hansel. A variety of promise; early, productive, firm; perfectly hardy, of good size, and prolific. 50c. per doz.; $2 per 100.

Cuthbert. Hardy, strong grower; fruit large, bright red; one of the best in quality; productive; contin-

uing a long time in bearing. 40c. per doz.; $1.50 per 100.

RED RASPBERRIES.

BLACKBERRIES.

Kittatinny. Good for general cultivation. 50c. per doz.
Snyder. Excellent quality, rich and sweet; ripens early; very hardy, the most largely grown. 50c. per doz.; $2 per 100.
Taylor's Prolific. Hardy, prolific, and one of the best 50c. per doz.; $2 per 100.
Wachusett Thornless. Hardy, prolific; second early. 50c. per doz.; $2 per 100.

ASPARAGUS ROOTS.

ASPARAGUS.

Conover's and Moore's New Cross Bred. One year old roots, 70c. per 100; by mail, 90c. Two year old roots, $1 per 100; by mail, $1.20. Per 1000, 1 year, $4; per 1000, 2 years, $5.
PALMETTO. One year roots per 100, $1.70; per doz., 20c.; $4 per 1000. Two year roots, 25c. per doz.; $1 per 100; $5 per 1000.

FRUIT AND ORNAMENTAL TREES.

PEARS. Pear tree 5 to 6 feet high, of **Bartlett, Clapp's Favorite, Sheldon,** early, medium and late standard varieties, 60c. each; $5 per doz.; $35 per 100. Other leading varieties, 65c. each; $7 per doz.

APPLES. Five to 6 feet, standard sorts; 25c. to 35c each; $2.50 to $3.50 per doz **Baldwin, Greening, Astrachan, Golden Sweet, E. Harvest, Famouse, 20 oz., R. Russet, Spy, Transcendent Crab.**
PLUMS. Four leading standard varieties; 65c. each; $6 per doz. **Yellow Egg.** Large yellow, ripens in August. **Lombard.** Reddish purple. August. **Bradshaw.** Large purple, August. **Moore's Arctic.** Large, dark purple.
CHERRIES. Gov. Wood, light yellow, sweet; **E. Richmond,** red, sour, early; **Blk. Tartarian,** dark red, large, sweet. Other leading sorts, 60c. each; $6 per doz.
PEACHES. Alexandria, E. Crawford, Hale's Early, Crosby and others. 4 1-2 to 5 feet, 25c. each; $2 per doz.

QUINCES. Orange, 30c. each; $3 per doz.
ORNAMENTAL. In variety. $1 to $2 each.

RHUBARB PLANTS.

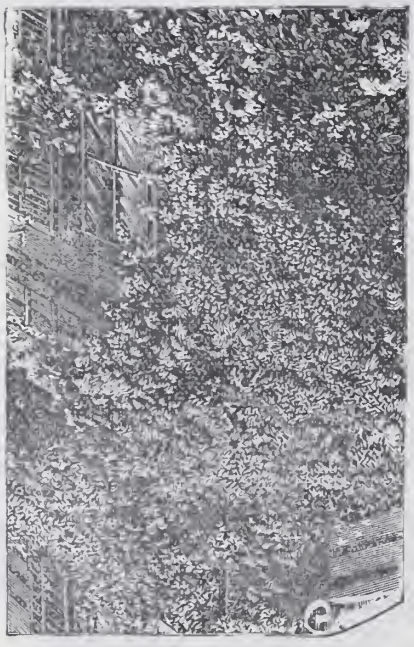
Victoria. Price, 15c. each; $1.50 per doz.
New Monarch. Twelve stalks will weigh 28 pounds Leaves 2 1-2 feet across. Very tender; the best of all; 50c. each,

VEGETABLE PLANTS.

CABBAGE PLANTS, Early from cold Frame. Early Wakefield, Henderson's Summer, Early Winningstadt, 65c. per 100; 12c. per doz.; $5 per 1000.
CABBAGE PLANTS, Late. All Seasons, Warren, Large Flat Dutch, Stone Mason, Drumhead Savoy, Marblehead, Mammoth, Flat Dutch, Red Drumhead, Winningstadt, Fottler's Drumhead, Savoy, and other leading sorts. 35c. per 100; $2 50 per 1000; $10 per 5000.
CAULIFLOWER PLANTS. Early Erfurt, Early Paris, Early Snowball. In hot bed, 20c. per doz.; $1 per 100. Late, ready in July, 12c. per doz; 70c per 100.
CELERY. Golden Self Blanching, Boston Market, White Plume, Golden Dwarf, Dwarf White, Solid; ready in July, transplanted; 75c per 100; $6 per 1000.
EGG PLANT. New York Improved Purple, 5c. each; 50c. per doz.
TOMATO PLANTS. Beauty, Acme, Dwarf Champion, Perfection, Atlantic Prize, Pandorata, Yellow Plum. 40c. per doz.; $2 per 100.
PEPPER PLANTS. Large Sweet Mountain, Bell and Cayenne, 25c. per doz.; $1.50 per 100.
LETTUCE PLANTS. 75c. per 100; 12c. per doz.

Novelties in Plants.

CLEMATIS.



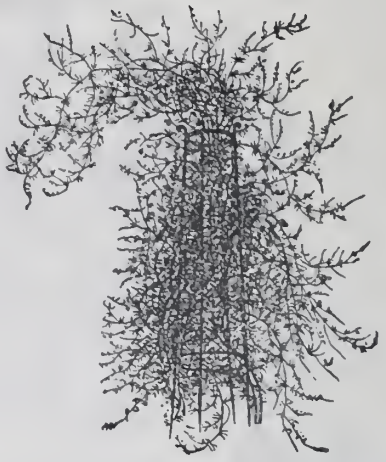
PANICULATA.

Paniculata. One of the finest hardy species in cultivation; of robust habit, climbing about 12 feet high, and covered from the ground to the summit with pure white, deliciously fragrant flowers, so freely produced as to completely hide the foliage. In September the flowers are followed by pretty seed pods of bronzy red. See cut. Plants, 25c.; seed, 15c. per pkt.

RUBBER PLANT.

Among the finest of decorative plants for house; foliage thick and leathery; much used as table decorative plants. $1 each.

ASPARAGUS.



ASPARAGUS BROUSSONETI.

Broussonetl. Beautiful hardy perennial climber, growing 10 feet high; feathery foliage and scarlet berries; in the autumn this is a very ornamental object. See cut. Pkt., 10c.

The Water Hyacinth. A remarkably curious and beautiful plant; it floats in the water, which it is enabled to do by means of its inflated leaf stalks, which resemble balloons, filled with air. A large mass of feathery blue roots grow downward, their ends entering the soil. It forms a rosette with its shining green leaves, and throws up spikes of flowers resembling a spike of hyacinth bloom; color, rose lilac, with sparkling effect and golden spot on upper petal. Can be grown in open air, or in the window in summer or winter. 15c.; 6 for 75c.

PLEROMA SPLENDENS.

Flowering at all times of the year, valuable for winter; it blooms freely, large and showy, of a purple blue color; desirable for pot plants for summer or winter bloom, or bedding during summer like an heliotrope. 25c.

SOLANUM JASMINOIDES GRANDIFLORA.

Climbing Vine.

Inclines to a trailing or climbing habit, but never attains a greater height than 3 to 5 feet, and can be pinched back to a bush form; its flowers are star-shaped, like a Clematis, and borne in clusters 6 inches across; color, white. In pots it is a fine bloomer, both summer and winter, but its grandeur for out-door culture when trained against the wall or trellis, and showing hundreds of these magnificent panicles of bloom, cannot be described. It is a free and constant bloomer, commencing when only a foot high. Strong plants, 20c.

OXALIS ORTGIESI.

Chocolate bronze foliage; plant presents a mass of leaves on erect stems 6 inches long, with small, yellow flowers above the foliage produced the entire season. 20c.

ORANGE OTAHEITE.

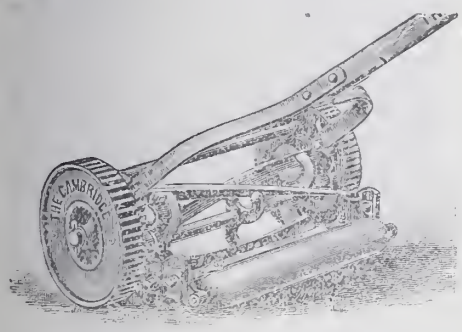
A dwarf, fragrant, flowering, edible orange, bloom the first season; make effective house plants. 25c.

MEXICAN PRIMROSE.

A basket or pot plant; flowers pink, with a white center; the superb color, combined with airy grace and beautiful form, goes to make a flower which is in beauty perfection itself; the plant seldom grows over 10 inches in height, but inclines to a trailing habit, spreading its branches out over the ground, or drooping over the sides of the pot. We offer nice plants at 20c. each; 50c. per doz.; $4 per 100.

WHITE SPIRAL MIGNONETTE.

Best perpetual bloomer, pkt., 5c.



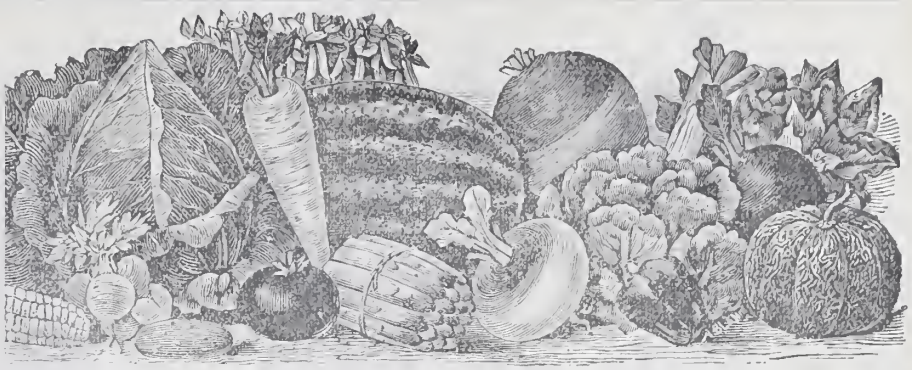
THE "CAMBRIDGE"

Lawn Mower.

This Lawn Mower is without doubt the simplest and lightest running Mower ever produced, and is also the only practical self-sharpening Mower on the market. The bottom knife is concave in shape, which always retains its original cutting edge, and in coming in contact with the revolving blades is constantly producing a good cutting edge on them at all times while in use.

The adjustments are extremely simple, and nothing but first-class material is used in its construction. We fully guarantee every machine, and a single trial will demonstrate that any one can operate this mower and do satisfactory work with less labor than any other Mower on the market.

14 or 16 inch, $5.00.



VEGETABLE COLLECTION.

To those unacquainted with varieties the following list will aid in selection, giving as it does the leading standard varieties for general use.

	Pkt.	Oz.	¼ lb.	Lb.
Beet, Eclipse,	5	10	20	65
Bastains,	5	10	15	45
	Pkt.	Pt.	Qt.	
Beans, Golden Eyed Wax,	10	15	30	
Improved Valentine,	10	15	25	
Hart Bush,	10	15	25	
Hart Pole,	10	15	25	
Lima Pole,	10	15	30	
Burpee's Bush Lima,	15			
Sweet Corn, Extra Early Columbia,	10	15	30	
Shaker's,	10		25	
Evergreen,	10	10	20	
Peas, Excelsior,	10	15	30	
Improved Gem,	10	15	30	
Dwarf Champion,	15	15	30	
	Pkt.	Oz.	¼ lb.	Lb.
Carrot, Short Horn,	5	10	25	85
Danvers,	5	10	25	80
Cabbage, Improved Wakefield,	5	25	75	2.75
Early Summer,	5	25	75	2.75
Warren's Stone Mason,	5	25	75	2.75
Cauliflower, Snowball,	20	2.00		
Early Paris,	15	60	2.00	

	Pkt.	Oz.	¼ lb.	Lb.
Cucumber, Peerless,	5	20	70	
Boston Pickling,	5	25	80	
Celery, White Plume Improved,	5	25	75	
Golden Self blanching, select strain	5	40	1.25	
Lettuce, Simpson's Early,	5	20	40	
Big Boston or Hanson,	5	20		
Melon, Emerald Gem,	5	10	25	90
Miller's Cream,	5	10	25	80
Vick's Early,	5	10	20	70
Ice Cream,	5	10	20	75
Onion, Yellow Globe Danvers, choice,	5	25	65	2.50
Early Red Globe,	5	20	60	2.25
Parsnips, Long Smooth,	5	10	20	60
Radish, Early Round,	5	10	20	60
Chartier,	5	10	20	60
French Breakfast,	5	10	20	60
Spinach, Thick Leaved,	5	8	12	35
Salsify, Sandwich Island,	5	10	30	1.00
Squash, Summer Crookneck,	5	10	20	65
Prolific Marrow,	5	10	20	75
Bay State,	5	10	20	70
Hubbard,	5	12	30	95
Turnip Extra Early Milan,	5	1	20	60
Strap Leaved,	5	10	15	45
White Egg,	5	10	15	45
Ruta Bega, Sweet German,	5	10	15	45
Improved American,	5	10	15	45
Peppers, Bell,	5	25		
Sweet Mountain,	5	25		

For discount see second page cover.

PLANTS. 50c. MAIL COLLECTIONS. SEEDS.

AT THESE LOW RATES NO ORDER CAN BE MAILED FOR LESS THAN $1.00.

Seven 50c. Collections for $3.00
Thirteen 50c. Collections for $5.00

BY MAIL PREPAID MY CHOICE OF VARIETY. CATALOGUE FREE.

8 Everblooming Roses . 50
8 Carnations 50
8 Single Geraniums . . 50
8 Double " . . . 50
8 Chrysanthemums . . . 50
8 Heleotropes 50
8 Coleus 50

No. 1. 1 each above seven 50 cts., or the 7 above collection $3.

8 Fuchsias 50
8 Begonias 50
8 Double Pink Bedding Geraniums . . . 50
8 Single Scarlet Bedding Geraniums . . . 50
8 Sweet Scented Geraniums 50
10 Verbenas 50
10 Pansies 50

No. 2. 1 each above seven 50 cts., or above 7 collections $3.

HARDY BULBS.

4 Iris 50
4 Japan Lilies 50
3 White Day Lilies . . . 50
3 Peonies 50
3 Hardy Climbing Vines 50
3 " Shrubs 50

No. 3. 1 each above six $1.

TENDER BULBS.

3 Tuberous Begonia . . 50
4 Cannas 50
10 Gladiola 50
4 Callas 50
6 Tigridias 50
4 Amarallis 50
8 Tuberose 50
3 Cyclamen 50
4 Dahlias 50
3 Gloxinias 50

No. 4. Collection 1 each 10 above $1.00.

HARDY PLANTS.

6 Hardy Garden Pinks . 50
4 Achillia Alba 50
3 Christmas Rose 50
6 Hollyhock 50
6 Hardy Shrubs 50
6 " Roses 50

No. 5. 1 each above six 75 cts.

SMALL FRUITS.

50 Strawberry 2 sorts . . 50
12 Red Raspberry 50
12 Black " 50
12 Blackberry 50
6 Red Currants 50
3 Varieties Grape, early 50
12 Strawberry, 6 Raspberry, 3 Currants, 2 Grape $1.00

FLOWER SEED.

16 Varities Choice Annuals 50
16 as follows; 3 Climbers, 2 Everlastings, 8 Annuals and 3 Hardy Annuals 50

VEGETABLE SEED.

16 varities of the most useful kinds, 1 full packet each 50

Catalogue Free.

The 5 above collections, 1, 2, 3, 4, 5, by express $3.25.

C. E. ALLEN, - - Brattleboro, Vt.

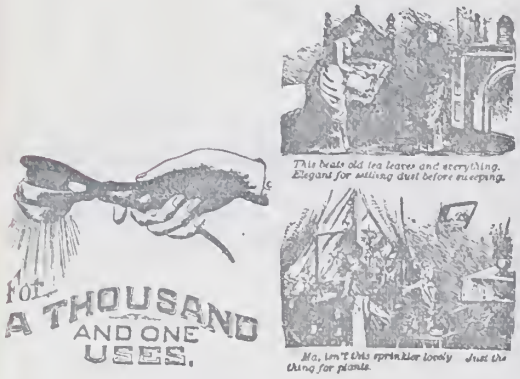
Above 3 Japan Lilies, 50c. by mail.

CHINESE YAM.

10 cents each; 3 for 25 cents; 12 for $1.00.

See special description, page 59.

THE LENOX SPRINKLER.


This beats old tea leaves and everything. Elegant for settling dust before sweeping.
Ma, isn't this sprinkler lovely. Just the thing for plants.
For A THOUSAND AND ONE USES.

The best and most useful for the money. 50c. by mail.

6 pkts. Flower Seeds for children's garden, 25c.
6 " Vegetable Seeds " " 25c.

Flowers Delivered by Telegraph.

Through arrangements made with the leading florists of the principal cities of the United States and Canada, we can deliver FLOWERS FRESH TO ANY LARGE TOWN OR CITY BY TELEGRAPH the same day they are ordered from us.

CUT FLOWERS.

Funeral and Floral Designs neatly arranged at short notice. Shipped to any distance in New England, packed free from frost. Roses, Carnations, Heliotrope, Lily of the Valley, Lilies, Violets, Hyacinth, Smilax, and other cut flowers in their season.

INDEX.

PLANTS.

Abutilon, 43
Achryanthes, 43
Ageratum, 43
Alternanthera, 43
Alyssum, 43
Antheis Coronaria, 47
Asparagus Roots, 31, 66
Asparagus Tenuissimus, 43
Ampelopsis Veitchii, 43
Azalea, 43
Begonia, 43
Blackberries, 66
Carnation, 44
Centaurea, 45
Chinese Yam, 68
Coleus, 45
Calla, 46
Canna, 45
Cobœa, 45
Chaenostoma, 62
Chrysanthemum, 46
Cyclamen, 46
Caladium, 46
Clematis, 46, 59, 66
Currants, 64
Dahlia, 47
Daisy, 47
Fuchsia, 47
Ferns, 47
Feverfew, 47
Fruit and Ornamental Trees, 66
Genesta, 51
Gloxinia, 49
Gooseberries, 64
Gladiolus, 50
Grapes, 65
Geraniums, 48, 49
Scarlet, 48
Salmon, 48
White, 48
Rose Colored, 48
Bruant Series, 48
Foliage Varieties, 49
Golden Variegated, 49
Silver, 49
Sweet Scented, 49
Golden Bronze, 49
Ivy Leaved, Double, 49
New, see Novelties, 13
Double Zonale, 48
Golden Marguerite, 49
Heliotrope, 49
Helianthus, 63
Hardy Shrubs, 57
Hardy Climbing Vines, 58
Hollyhock, 49
Hardy Roots and Bulbs, 59
Hydrangea, 58
Iris, 61
Ivy, German, 49
" English, 49
" Geranium, 49
Jasminum Grandiflora, 49
Jassimine, Cape, 49
Lily, Day, 61
" of the Valley, 61
" Japan, 59-60
Lantanas, 50
Lemon Verbena, 50
Lobelia, 50
Marguerite, Golden, 49
Manettia Vine, 51
Mexican Primrose, 67
Myosotis, 61
Madeira Vine, 50
Notice to Clubs, 1
Novelties and Specialties, 10, 16
Orange Otaheite, 67
Oxalis Ortgiesi, 67
Pinks, Hardy Garden, 44
Pinks, Scotch, 44
Petunia, Single, 51
" Double, 51
Palm, 51
Plants by Mail, 2
Phlox, Hardy, 61
Pansy, 50
Pelargonium, Regal, Spotted, and Show, 51
Pleroma Splendens, 66
Roses, 52, 56
12 Everblooming, 52
12 Choice Tea, 52
12 for House Culture, 52
12 Choice Forcing, 52
12 Hybrid Perpetual, 52
Set of 5 Collections, 53
Choice and Scarce, 53
General Collection, Everblooming, 53
Polyantha, 56
Hybrid Tea, 55
Hybrid Perpetual, 54
Yellow Persian, 56
Moss, 55
Perpetual Moss, 55
Climbing, 55
Raspberries, 65
Rhubarb, 66
Salvia, 56
Small Fruits, 63, 65
Sunflower, 79
Smilax, 50
Solanum Jasminoides Grandiflora, 66
Strawberries, 63, 64
Tigridias, 66
Tuberose, Pearl, 51
Verbena, 56
Verbena, Lemon, 50
Vinca, 56
Violets, 57
Vegetable Plants, 67
Water Hyacinth, 66
Water Lilies, 62
Zephyranthes, 62

FLOWER SEED.

Sowing Seed, 14
Abronia, 17
Acroclininm, 17
Adlumia, 17
Ageratum, 17
Agrostemma, 17
Anagallis, 17
Alyssum, 17
Amaranthus, 17
Ammobium, 17
Aristolochia, 17
Abobra, 17
Aconitum, 17
Asperula, 17
Alonsoa, 17
Antirrhinum, 17
Adonis, 17
Aster, 15, 16
Asparagus Broussoneti, 66
Aquilegia, 17
Bryonopsis, 18
Beans, Flowering, 18
Begonia, 18
Browallia, 18
Brachycome, 18
Balsam, 17
Balloon Vine, 18
Bartonia, 17
Bellis (Double Daisy), 18
Cacalia, 18
Calandrina, 18
Calendula, 18
Campanula, 19
Callirhoe, 18
Castor Oil Bean, 19
Calceolaria, 18
Canary Bird Flower, 19
Calliopsis, 19
Candytuft, 18
Canna, 19
Carnation, 21
Celosia, Coxcomb, 19
Cobœa, 19
Canterbury Bells, 19
Clarkia, 20
Centaurea, 20
Cosmos, 20
Centranthus, 19
Climbers, Rapid Growth, 14
Clianthus Dampieri, 20
Clematis, 20
Convolvulus, 20
Cineraria, 20
Catch Fly, 19
Chrysanthemum, 20
Cuphæa, 20
Cypress Vine, 21
Cyclamen, 21
Coleus, 20
Directions for Culture, 14
Dianthus, 22
Daisy, Double, 18
Digitalis, 21
Datura, 21
Dahlia, 21
Delphinium, 20
Dolichos, 21
Erythrina, 22
Eschscholtzia, 21
Euphorbia, 22
Everlasting Flowers, 14
Everlasting Pea, 24
Forget-me-not, 22
French Honeysuckle, 22
Gaillardia, 22
Gladiolus, 22
Gilia, 22
Geranium, 22
Grasses, 23
Gloxinia, 23
Gnaphalinm, 23
Gypsophila, 23
Globe Amaranthus, 23
Godetia, 23
Gourd, Ornamental, 23
Heliotrope, 23
Helianthus, 23
Honesty, 23
Hollyhock, 24
Helichrysum, 23
Hibiscus, 24
Helipterum, 23
Inducements to Clubs, 14
Ice Plant, 24
Ipomea, 24
Impatiens, 24
Japanese Hop, 23
Jacobœa, 24
Lobelia, 24
Larkspur, 24
Lantana, 24
Lavendula, 24
Lupins, 24
Lathyrus, 24
Large Plants, Groups, 14
Linum, 24
Lychnis, 24
Marigold, 25
Marvel of Peru, 25
Maurandia, 25
Mignonette, 25, 67
Mimosa, 24
Morning Glory, 20
Myosotis, 25
Moon Flower, 24
Mimulus, 24
Musa, 25
Myrsiphyllum, 25
Novelties and Specialties in Flower Seeds, 7-11
Novelties and Specialties in Vegetable Seeds, 1-6
Nemophila, 25
Nierembergia, 25
Nolana, 25
Nasturtium, 25
Nigella, 25
Œnothera, 25
Oxalis, 25
Petunia, 25
Portulaca, 26
Pansy, 27
Papaver, 26
Poppy, 26
Pea, Everlasting, 24
Pinks, 21
Primula (Primrose), 28
Phlox Drummondii, 28
Perilla, 27
Platycodon, 27
Polyanthus, 27
Rodanthe, 27
Rocket, 26
Ricinus, 28
Seed for house and hot house, 14
Salpiglossis, 29
Salvia, 29
Scabiosa, 27
Schizanthus, 28
Seed for Ribbon Beds, 14
Sensitive Plant, 27
Sweet William, 22
Solanum, 27
Sunflower, 27
Stock, Ten Weeks, 30
Smilax, 29
Sweet Pea, 29
Specialties in Flower Seeds, 14
Tagetes, 30
Thunbergia, 29
Tropæolum, 30
Venus' Looking Glass, 30
Verbena, 30
Vinca, 30
Viola, 30
Wallflower, 30
Wistaria, 30
Whitlavia, 30
Xeranthemum, 30
Zinnia, 30
Zanzibar Water Lily, 62

VEGETABLE SEED.

Sowing Seed, 31
Asparagus, 31
Artichoke, 31
Beet, 31
Beans, Bush, 32
Beans, Pole, 32
Broccoli, 31
Brussels Sprouts, 31
Corn Salad, 35
Cabbage, 33
Carrot, 32
Cucumber, 33
Cress, 34
Cauliflower, 34
Corn, 34
Celery, 35
Club Orders, Seeds, 14
Dandelion, 35
Egg Plant, 35
Endive, 35
Herbs, 35
Inducements to Clubs, 14
Kohl Rabi, 35
Lettuce, 35
Leek, 35
Mangel Wurzel, 31
Melon, Musk, 36
" Water, 36
Mustard, 36
Novelties and Specialties, 1-6
Onion Seed, 36
Italian Onions, 37
Onion Sets, 38
Okra, 38
Parsley, [illegible]
Parsnips, 40
Peas, 38-39
Potatoes, 39
Pumpkins, 39
Peppers, 40
Radish, 40
Spinach, 40
Sea Kale, 40
Salsify, 40
Squash, 41
Sugar Beet, 31
Turnips, 41
Tomato, 42
Vegetable Collection, 67

MISCELLANEOUS.

Cut Flowers, 66
Dodge Portable Shelf, 42
Excelsior Plant Food, 42
Flowers by Telegraph, 68
Lawn Mower, 67
Lennox Atomizer and Sprinkler, 42, 68
Mail Collections, 67
Plant Collections, 67
Seedlings, 57
Small Fruits, 63-66
Trees, Fruit and Ornamental, 66
Vegetable Plants, 66

NEW SUMMER CHRYSANTHEMUM FROM SEED PKT. 25.

BEATTY & Co LITH. 9 W. 22d ST. N.Y.